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Rollins College Brevard Campus Catalog 1993-1994

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ROLLINS COLLEGE

BREVARD CAMPUS

1993-1994
CATALOGUE

ROLLINS COLLEGE
Brevard Campus

A
Liberal Arts
College



CATALOGUE
1993-1994

ROLLINS COLLEGE
Brevard Campus

The 1993-94
Rollins College Brevard Campus
Catalogue
contains descriptions of programs and courses
offered in the 1993-94 academic year.

Catalogue content is subject to change.

ROLLINS COLLEGE
Brevard Campus
1535 North Cogswell Street
Rockledge, Florida 32955-2738
(407) 632-9575

CATALOGUE
1993-1994

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Rollins College is an equal opportunity institution that prohibits and rejects any discrimination in admissions or hiring practices based on race, color, religion, national origin, sex, age, sexual orientation, handicap, or veteran status.

INTRODUCTION TO ROLLINS COLLEGE

Rollins College stands among those small, coeducational, independent liberal arts institutions which distinctively contribute to the vitality and diversity of American higher education. Founded in 1885 under the auspices of the Congregational Church, Rollins was the first college in Florida. In 1885, admission requirements were similar to those of other good liberal arts institutions of the day: Latin and Greek, language and composition, plane geometry, history of Greece and Rome, and so on. Rollins was coeducational and designed to bring the educational standards of New England to the Florida frontier.

Today, Rollins is a nonsectarian and independent college supported through tuition, investments, and gifts from alumni, friends and foundations. The College offers a challenging curriculum leading to the Bachelor of Arts and Bachelor of Science degrees. This curriculum, which includes 28 major fields of study and over 800 courses, reflects a distinctive and innovative approach to education. The College is located in Winter Park and Brevard County.

The Brevard Campus was founded in 1951 and since that time has provided Brevard County residents with a broad range of distinctive academic programs. Full-time Rollins faculty and selected experts from the professional community give both theoretical and practical dimensions to the curriculum.

The diverse student body at Rollins Brevard includes recent high school graduates, transfer students, young working adults, women who expect to return to the work force, and retired persons. Most students who enter the program are pursuing a degree; however, some are taking courses for personal enrichment and professional development. Numerous Rollins Brevard alumni are professionals in area businesses and major aerospace, electronics, and communications industries in Brevard.

Accreditation

Rollins College has been accredited by the Southern Association of Colleges and Schools since 1927. It has been a full member of the National Association of Schools of Music since 1931, and has had a chemistry program accredited by the American Chemical Society since 1974. Its programs in education have been approved by the Department of Education of the State of Florida. The Roy E. Crummer Graduate School of Business is accredited by the American Assembly of Collegiate Schools of Business.

Rollins also holds institutional memberships in the Association of American Colleges, the American Council on Education, the College Entrance Examination Board, the Florida Association of Colleges and Universities, the American Association of University Women, the Association of Governing Boards, the Florida Independent College Fund, and Independent Colleges/Universities of Florida, Inc.

Purpose

Consistent with the purposes set forth in the 1885 Charter of the College, Rollins will continue to prepare students for "virtuous and useful lives." The future of Rollins College depends on its excellence--the quality of the educational experience, the quality of students and faculty, the quality of individual performance, and the quality of our life and work together.

Mission Statement

On February 21, 1992, the Rollins College Board of Trustees adopted the following *Mission Statement*:

Rollins College holds a distinctive place in American higher education. From its founding in 1885, the College has emphasized quality liberal education, and, since the 1920s, has developed a tradition of innovation in the liberal arts. Drawing upon this dual heritage, Rollins has also established a nationally recognized graduate management school and continuing education program. United by the values of liberal education and integrated by a single collegiate structure, these diverse programs and student populations distinguish Rollins as a comprehensive liberal arts institution which educates students for active citizenship in a global society and disseminates the values of a liberal education in the wider community.

The College affirms its commitment to excellence and innovation throughout its programs. Rollins is dedicated to rigorous education in a caring and responsive environment; distinctive programs which are interdisciplinary and collaborative; advancement of the art of teaching; and scholarship and creative endeavor. Continuing priorities are diversity among students, staff, and faculty; the quality of student life; and the integration of a rich array of co-curricular opportunities with the curriculum.

Rollins accepts its historical responsibility to serve the Central Florida community through educational programs and cultural and enrichment activities. Because aesthetic values contribute to a climate in which liberal education flourishes, the College is also committed to preserving the integrity of its architecture and the beauty and environmental health of its lakeside campus.

Heritage

The rigors of a turn-of-the-century New England educational philosophy, tempered by the congenial Florida environment, have worked together since 1885 to produce a college of academic distinction, rich in its traditions and envied for its pleasant campus setting. The College lives through its legacy of individuals--people who will make a difference through their careers, their lives, and service to society.

The College has enjoyed a succession of dedicated and able presidents. The Rev. Edward Payson Hooker (1885-1892), one of the clergymen who helped establish Rollins in 1885, served as the first president. President George Morgan Ward (1896-1902), who later served as pastor of financier Henry Flagler's chapel in Palm Beach, Florida, guided the College through the devastating financial times of the citrus freeze of 1894-95. William Fremont Blackman (1902-1915) brought strong academic credentials to Winter Park. Having graduated from Oberlin College and Cornell University, he was a faculty member in sociology at Yale University when called to the Rollins presidency in 1902. Hamilton Holt (1925-1949), perhaps Rollins' most famous president, left a nationally recognized career as a journalist and internationalist in 1925 to accept the presidency of Rollins. His legacy to Rollins includes a tradition of "experimental" education. During the administration of Hamilton Holt, Rollins College established the Conference Plan, which emphasized close teacher-student contact. Under this plan, teachers and students shared the learning experience around a conference table, an activity which led students to develop clear standards by which to judge their work. The College retains this method but not to the exclusion of other significant approaches to teaching. Paul Wagner (1949-1951) was

a controversial president who brought extensive use of audio-visual technology to Rollins and ended its football program.

During the administration of Hugh F. McKean (1951-1969), the College developed the Honors Degree Program for exceptionally well-prepared and qualified students. He established graduate programs in education and business, and the Hamilton Holt School and Brevard Campus, which together provide education programs for nearly 2,000 adults. Although President McKean was a student and professor of art, his administration brought significant advances and general strengthening of the College programs in business administration, economics, and the sciences.

Jack B. Critchfield (1969-1978), elected President of Rollins College from a position at the University of Pittsburgh, moved the College in new directions by establishing programs in environmental and interdisciplinary studies and graduate and undergraduate programs in criminal justice. Continuing to build a strong faculty and seeking those students who would most profit by the personalized education provided at Rollins College, President Critchfield generated new support from all facets for the community for the College.

President Thaddeus Seymour (1978-90) served previously as Dean of Dartmouth College and was President of Wabash College in Indiana. As Rollins entered its second century, President Seymour defined its goal of superior liberal arts education in a personal and caring environment: "to know ourselves and to be known by others as the finest small college in the Southeast, standing among the finest small colleges in the country." During his administration, Rollins successfully completed a fund-raising campaign which provided facilities and endowment to support quality improvement and enhanced reputation.

The thirteenth President is Rita Bornstein, whose background is in English literature and educational leadership, in which fields she holds graduate degrees. Dr. Bornstein is committed to building on the College's strong tradition of liberal arts education in an international context. Most recently Vice President of the University of Miami, Dr. Bornstein was elected by the Rollins Board of Trustees in April, 1990, and will serve as President during the exciting decade leading up to the next century.

Cultural Life

The arts have always been a highly visible part of the Rollins experience. Each year the college calendar is filled with concerts, exhibitions, lectures and performances that draw audiences not only from the Winter Park campus, but also from the larger Central Florida community.

The Rollins College Artist Series, the Festival Series, the Bach Festival and performing groups such as the Chapel Choir, the Rollins Singers, the Rollins Chorale, and the Rollins Brass Ensemble all offer experiences for those with interest in music. The two theaters on campus, the Annie Russell Theatre and the Fred Stone Theater, offer a year-round schedule of plays and dance productions. Lecture series bring notable visitors to campus to address classes and public audiences. The Cornell Fine Arts Center contains classrooms and museum facilities open to the general public. The Cornell Gallery houses fine collection of works by 19th-century English and American artists, and is fully accredited by the American Museum Association. In addition to the permanent collection, many loan exhibits are presented throughout the academic year.

Student Life

Student Government Association

Students are encouraged to participate in the Student Government Association. Student organizations provide Rollins students with many opportunities to develop self-confidence, leadership skills, a sense of social responsibility, and an appreciation of the values and diversity of humanity. Students participate in the governance of student life through elected representatives to the Student Government Association. The Student Government Association provides communication through a campus newsletter and sponsors various activities to enrich student life at the Brevard Campus.

Honor Societies

Rollins Brevard has chapters of various organizations recognizing leadership and scholastic achievement. These organizations include Omicron Delta Kappa, a national leadership honor society; Psi Chi, the national honor society in psychology; and Sigma Tau Delta, an international honor society for English students.

Services and Resources

Academic Advising

Academic advising is available to potential and current Rollins Brevard students. Services include information on admission and degree program requirements, transfer of credits, financial aid, course loads, selection of courses, and specific major and minor requirements. For initial advising students should make an appointment by calling the Brevard Campus at (407) 632-9575. Students are encouraged to consult with the Department Coordinator of their major field of study concerning major requirements and career opportunities within the major field.

Personal Counseling Services

The Cornell Counseling Clinic in Winter Park provides Rollins students with counseling services on personal and career issues for a \$15.00 one-time fee. Counselors are graduate students working under the supervision of faculty in the graduate counseling program. The clinic is located on the second floor of the Cornell Hall for the Social Sciences on the Winter Park campus. For further information and to arrange an intake interview, students should call (407) 646-2302 and ask for Dr. Norsworthy or Dr. Heath.

Career Services

The Office of Career Services in Winter Park provides a wide range of services to students to assist them in planning and preparing for their career futures. Career Services guides students through the process of self-assessment, career exploration, job search and graduate school planning. Students can schedule individual appointments with career counselors and can also participate in a variety of workshops and special programs. Throughout the academic year, the office arranges for visits by employer and graduate/professional school representatives. Students can interview on campus and meet potential employers at the Career Expo.

Veterans' Affairs

Special advisement and assistance to all undergraduate students who are veterans is available through the Rollins Brevard Rockledge Center.

Computer Services

Students are encouraged to use the Computer Lab at the Rollins Brevard Rockledge Center. The Lab is open for student use during the semester from 9:30 a.m. to 8:30 p.m. Monday through Thursday, 9:00 a.m. to 5:00 p.m. on Friday, and 9:00 a.m. to noon on Saturday. The Computer Lab is staffed with an assistant to help students during the afternoons Monday through Thursday and on Saturday mornings.

Writing Consultant

Rollins Brevard offers the services of a professional writing consultant to assist students in developing the writing skills necessary for college and professional work. The writing consultant, whose office is located in the Computer Lab at the Rollins Brevard Rockledge Center, is available during posted hours or by appointment.

The Olin Library

When Rollins College was founded in 1885, its library collection consisted of a Bible and a dictionary. One hundred and eight years later, students have at their disposal considerable library resources ranging from ancient tomes to the latest technology in information retrieval.

The Olin Library, a 4.7 million dollar gift of the F.W. Olin Foundation, was dedicated in 1985. Rising impressively near the shore of Lake Virginia in Winter Park, the four-level, 54,000 square foot structure retains the Spanish Colonial architecture which dominates the campus. Open stacks with study areas throughout, conference rooms, group studies, and a tower lounge with exhibit space are some of the features which provide an inviting research and study environment. Patrons are able to use individual and group media rooms for viewing and listening; typing carrels with up-to-date equipment are also available.

The library's collections reflect the liberal arts mission of the college and strongly support the curriculum through a generous budget. Holdings currently include over 250,000 volumes, 1500 periodical subscriptions, 816 serial subscriptions, 40,000 government documents, a number of special collections, and hundreds of compact discs, video discs, and videotapes.

As an extension of the Olin Library, the Brevard Campus Library provides students with a variety of computerized services including

CL CAT, an on-line catalog that locates by subject, author or title the Olin and Brevard Campus Library book collections; PROQUEST, a periodical abstracting system that accesses nearly 1,700 periodicals; DIALOG, a search service that accesses over 300 data bases nationwide; and interlibrary loan systems.

The College Archives and Special Collections Department, housed in the renovated Mills Memorial Center on the Winter Park campus, provide further opportunities for research in rare books and manuscripts and the historical records of Rollins College. Special collections, often acquired through bequests, emphasize the liberal arts character of the library. Examples include the William Sloane Kennedy bequest of Whitmaniana, the Jesse B. Rittenhouse library of modern poetry and literature, including her correspondence with many literary personalities; the Mead and Nehrling horticultural papers; and an outstanding collection of Floridiana. The College's Archives, while collecting the documents of the institution, also accumulated priceless holdings on the past of Winter Park since the histories of both are intertwined, thus offering a wealth of information to local historians.

The library faculty are information professionals who, in addition to providing individual reference and research consultation, teach library research methods to various classes.

From its inception, the library has been an integral part of the instructional, intellectual, and cultural life of Rollins College.

Media Services

The College's Media Services Department, housed in the Mills Memorial Center on the Winter Park campus, provides access to a wide range of materials and information in audio, video, and other non-print formats.

Special Curricular Opportunities

Internships

Internship experiences are available for Brevard Campus students. Internships are designed to allow students the opportunity to gain specific knowledge, insight, and experience beyond the classroom.

The student, a faculty member, or both may initiate the internship placement contact. Students wishing to pursue an internship must provide a written proposal to the appropriate Department Coordinator. The final internship proposal must meet established criteria for approval by the Department Coordinator, Internship Committee, and Dean.

Specific internship guidelines are published in a handout available in the Rollins Brevard Office. For more information, call (407) 632-9575.

Independent Studies

Independent Studies are a means of adding new dimension to the curriculum and of encouraging intellectual curiosity, initiative, and sustained effort. Courses offered through Independent Study are not meant to substitute for courses normally offered. Students must receive special permission in order to pursue the Independent Study option.

International and Off-Campus Study Opportunities

The Office of International Programs offers numerous options for students interested in foreign study. Programs are available in Sydney and Melbourne, Australia in the fall; in Melbourne, Australia and Merida, Mexico, in the spring; and in Madrid, Spain in the summer. Each program, established at a major university, offers students the opportunity to live with host families and to attend classes on a foreign campus.

Through Rollins' affiliation with the Institute of European Studies (IES), students may spend a term or a year in locations throughout Europe and in Asia. Summer study in Britain is offered through an agreement with Florida colleges and universities and the University of Cambridge.

Non-Credit Courses

The College's Center for Lifelong Education offers a wide variety of evening and weekend programs, courses, and workshops for professional development, personal enrichment, and self-fulfillment. Offerings have included leadership, communication, and stress management workshops, language and music courses, arts and sports instruction, outdoor expeditions, and other recreational experiences. Additionally, the Center offers a postgraduate Paralegal Studies Program and the Public Safety Institute for law enforcement and fire safety professionals. For fees and further information contact the Center for Lifelong Education at (407) 646-2604.

ADMISSION

Application

All new students must file an application form with a \$35.00 nonrefundable application processing fee. Applications should be filed prior to registration. Students who have not attended classes at Rollins College Brevard Campus for more than two years must reapply for admission and pay another application fee. Such students are subject to the current requirements.

Eligibility

Rollins College seeks to attract applications from students with proven academic ability who demonstrate both intellectual and personal promise.

All applicants must have graduated from an accredited high school or have earned the General Education Development (G.E.D.) certificate. High school seniors and recent high school graduates are requested to submit official high school transcripts and official test results from the Scholastic Aptitude Test (SAT) or the American College Test (ACT). Students who have had previous college experience and/or significant work experience may be admitted without SAT or ACT scores. No credentials are required of audit (non-credit) students.

International Student Admission

All international students are required to submit official secondary school records. These documents should include all official grade reports and the official secondary school final examination report or evidence of successful completion of studies. If the school records are in a language other than English, the student must also submit certified translations of their records in addition to the original report. Candidates whose native language is not English are required to submit an official score report from the Test of English as a Foreign Language (TOEFL).

A score of 550 or better on the TOEFL is required for admission. English proficiency is crucial for successful study at Rollins College. The College does not offer a formal program in English as a second language.

Accepted international students are required to advise Rollins College of their current immigration status. The I-20, Certificate of Eligibility for a student visa, is issued only after the student has submitted the nonrefundable tuition deposit and the Statement of Financial Responsibility with the appropriate documentation that sufficient financial resources are available to finance a minimum of one full year at Rollins.

Admissions Review

All students are reviewed after they have attempted 4 courses (12 semester credit hours). One of these courses must be **IC 300G Topics in the Liberal Arts** (which must be taken at Rollins College), one must be **E 101G Freshman Composition & Literature I** (which may be completed at Rollins or transferred from another accredited institution), and one must be **M 102G College Algebra** (which can be completed at Rollins or transferred from another accredited institution).

Transcripts from all colleges or secondary schools previously attended by the student must be on file with the Brevard Campus by the end of the student's first semester.

Students who have less than a "C" (2.00) cumulative Rollins average at the time of the review, may not continue in the program. Students may appeal the outcome of the review to the Dean, whose decision is final.

TUITION, FEES and STUDENT AID

Schedule of Fees 1993-94 Academic Year

Application Processing Fee (nonrefundable).....	\$35.00
(Payable with submission of Application for Admission)	
Tuition	\$135 per semester hour
(Tuition is payable in full at time of registration. Payment may be made by personal check, cash, VISA or MasterCard.)	
Equipment Fee	\$15.00
(Due upon registration from all students)	
Student Activities Fee	\$5.00
(Due upon registration from all students.)	
Late Registration Fee	\$15.00
(Due from students registering after the stated registration period)	
Add/Drop Fee	\$15.00
(Due for each add-drop exchange after the initial registration has been processed)	
Discounts	
Alumni	20%
(Not applicable to a "second degree" or certification program)	
Senior Citizens	20%
Adjunct Faculty	20%
Auditors	50%
Graduation Fee.....	\$50.00
(Due at time of registration for term concluding student's studies for degree.)	

The above tuition and fees are established by the Board of Trustees and are subject to change.

Alumni, Senior Citizens, and Adjunct Faculty Discounts

Alumni Discount

Persons holding a Rollins bachelor's or master's degree from any program are eligible for a 20 percent tuition discount, except for a "second degree" or certification program. An official transcript must be presented at registration to receive the discount. Alumni do not pay an application fee unless two years have lapsed from the date of student's graduation to the date the student re-enrolls.

Senior Citizens' Discount

Persons who are age 65 or over on the first day of class will receive a 20 percent discount on tuition. Proof of age must be presented at registration.

Adjunct Faculty Discount

Adjunct faculty who are currently under contract in any program, or have taught a course within one full year prior to the first day of class, their legal spouses living under the same roof, and their dependent children (as in Section 152 of the Internal Revenue Code) are entitled to a 20 percent tuition discount.

Refund Policies

Refunds will not be issued until the balance owed on the account is paid in full, even if that balance includes charges for an upcoming term. Refund checks are issued to the person responsible for payment of the account.

A withdrawal takes place upon the submission of a withdrawal form (signed by the student) to the Brevard Campus Office. The date of withdrawal is the date on which receipt is acknowledged by the College and not the date on which the student gives notice of intent to withdraw. In the case of withdrawal by mail, the postmark will signify the date of withdrawal. Only official withdrawals received will be considered.

Tuition refunds will be granted as follows:

1. **100 percent** if student withdraws before the **official beginning of each term.** (Check term calendar for **100% refund deadline.**)
2. **75 percent** if student withdraws up to **6 days from the official beginning date of each term.** (Check term calendar for **75% refund deadline.**)
3. **No refund thereafter.**

An appropriate adjustment will be made to take into account any previously credited amounts such as financial aid awards.

Delinquent Accounts

The following College policies apply for delinquent student accounts until payment is made in full:

- A hold is placed on transcripts and diplomas;
- Charging privileges are suspended; and
- Registration for an upcoming term is disallowed.

Student Financial Planning

The objective of the Office of Student Financial Planning is to assist students in managing the cost of a Rollins education. Services of the office include:

Financial aid awards to qualified students in the form of loans, grants, and scholarships.

Coordination of scholarships and other assistance programs to insure proper credit to the student's account.

Counseling in financial planning for both undergraduate and graduate education.

Student money management assistance.

Student loan debt management counseling.

Short term loans for emergencies.

Aid Programs Available

Grants and Scholarships

Pell Grant

A federal program for needy undergraduate students who are enrolled in college at least half time. Eligibility is determined by a government contractor, who will notify the student on a Student Aid report. The Student Aid Report must be submitted to the College for payment.

Federal Student Assistance Grant

This grant of up to \$1,300 per year is provided by the State of Florida and the federal government to needy students who are full-time and have been residents of the State of Florida for at least 12 months immediately prior to application. The Florida Office of Student Financial Assistance determines eligibility based on the Florida Financial Aid Form. The application deadline is April 15. Recipients must take and pass the Florida CLAST before receiving the award for their junior and senior years.

Florida Tuition Voucher Fund

This state program provides up to \$1,200 to full-time students attending accredited private colleges in Florida. Students must be residents of Florida for at least 12 months. Financial need is not a requirement. The application must be submitted each year no later than October 1. Recipients must take and pass the Florida CLAST before receiving the award for their junior and senior years.

Scholarships

Rollins College Brevard Campus is committed to attracting students with proven academic ability who demonstrate both intellectual and personal promise. To support that commitment, Rollins Brevard awards academic scholarships covering full or partial tuition for one academic year. Scholarship recipients may be eligible to re-apply for additional scholarship aid the following year.

Applications for Rollins Brevard scholarships are available annually in late fall. The application deadline is in early spring, and announcement of scholarship awards occurs in late spring. Selection of scholarship recipients is based on the applicant's academic performance and promise, extracurricular involvement and leadership, and financial need.

Under the terms of Rollins Brevard's Articulation Agreement with Brevard Community College, Rollins awards at least five scholarships annually to transfer students earning their Associate of Arts degree at BCC. The number of scholarship awards to high school graduates, new, and returning students varies annually. Gifts from individual donors, foundations, corporations, and other organizations help enhance funds for awarding scholarships.

Loans

Federal Perkins Loan

This loan allows needy students to borrow funds, repaying after graduation at a low interest rate. The Student Financial Planning Staff determine eligibility from the Financial Aid Form. The amount of the loan depends upon the student's need and is determined from the Financial Aid Form.

Federal Stafford Student Loan

Funds for this loan are provided by the student's bank or credit union, and the loan is guaranteed by either the state or a private agency. Repayment begins after graduation at a low rate of interest. Eligibility is based on the student's need and is determined from the Financial Aid Form after graduation.

Federal Unsubsidized Stafford Loan

This loan is available from a student's bank or credit union. Interest accrues immediately; however, repayment may be deferred until after graduation.

Federal Parent Loans to Undergraduate Students

Parents may borrow up to the full cost each year from a participating bank or credit union. Repayment begins immediately.

Federal Supplemental Loan to Students

Self-supporting students may borrow up to \$4,000 per year from a participating bank or credit union. Repayment begins immediately.

Standards of Satisfactory Academic Progress

To receive aid at Rollins College, a student must maintain satisfactory academic progress according to the following criteria:

Grade Point Average:

A minimum grade point average of 2.0 is required for both initial and renewal awards. (Entering freshmen should normally have a high school GPA of 2.0.) Grade point averages are checked each term.

Completion Rate:

Aid recipients are expected to complete a minimum number of credit hours each academic year, as outlined in the following schedule. A student who officially changes majors after the junior year may receive an extension of time by submitting a proposed plan of registration to the Student Financial Planning Office. Transfer credits will be applied to this schedule in determining a student's eligibility for aid.

A student's completion schedule may be adjusted for changes in enrollment status.

Completion Schedules

Year	Full Time (12 or more hours)	3/4 Time (9-11 hours)	1/2 Time (6-8 hours)
1	30	18	12
2	60	27	24
3	90	54	36
4	120	72	48
5		108	60
6		120	72
7			84
8			96
9			108
10			120

First time aid recipients will be expected to be meeting these standards before any aid will be awarded. Students receiving aid who fail to maintain these standards the first time will be placed on Aid Warning/Subject to Review.

Students on Aid Warning because of a GPA less than a 2.0 will have one semester in which to bring up their average. Students on Aid Warning because of completion rate will have one academic year in which to make up the lost credits.

Students who do not bring themselves up to the minimum standards by the end of their warning period will lose their eligibility for aid. Students who fall below the minimum standards for the second time may lose all future eligibility for aid at Rollins.

The Financial Aid Review Committee may approve individual appeals due to mitigating circumstances. Students who are denied aid because of failure to maintain satisfactory progress may become eligible by:

- 1) bringing cumulative GPA and completion rate up to standard, or
- 2) if it is not feasible that item 1 can be accomplished in one term, the students may submit a plan of action to the Financial Aid Review Committee for approval. Students must demonstrate substantial improvement in progress for the first term without aid, and must have a reasonable plan to bring progress up to standard once aid is reinstated.

Students who are dismissed from the College, then readmitted, will be allowed to receive aid once having demonstrated progress by completing 4 courses with a 2.0 average or better. This coursework may be done at Rollins or at another accredited college.

Rights and Responsibilities of the Student Aid Recipient

Student Aid applicants have the right to:

Confidentiality.

Appeal. Appeals should be submitted in writing to the Financial Aid Review Committee.

Information. Information on the terms and conditions of all aid programs is provided to the student prior to accepting the award.

Student Aid applicants are responsible for:

Submitting accurate applications and forms before the appropriate deadlines.

Following the instructions provided for renewal of aid or for the solution of problems that may arise during the school year.

Accepting the offer of Student Aid before the specified return date.

Notifying the Student Financial Planning Office if a change in the family financial situation occurs, or if the student receives assistance from an outside source.

Reading all provided information about regulations and requirements.

Requesting special assistance when it is needed.

Maintaining satisfactory academic progress according to the policies of Rollins College.

Meeting all information requirements of the Federal Aid Verification requests.

For further information please contact Linda Downing, Director of Student Financial Planning, (407) 646-2395.

CURRICULUM and ACADEMIC POLICIES

Curriculum Goals

The desired learning outcomes for graduates of the Rollins Brevard program are that they demonstrate:

- the ability to communicate effectively, both orally and in writing
- analytical critical reasoning skills
- a basic understanding of mathematics and computer technology
- a knowledge and understanding of humanities, natural sciences, and social sciences, construed broadly to include the natural and social environments as well as cultural opportunities
- an awareness of other cultures, a genuine tolerance for human differences, and a spirit of openness to experience
- a knowledge of the historical development of Western societies, institutions, and ideas
- preparation in the major area, for more advanced study and for employment in the field

General Education Requirements

Degree-seeking students must complete general education requirements. Students are expected to complete such requirements early in their academic careers (before taking advanced courses in their majors). Overall general education requirements are as follows:

English	(4 courses)
History	(2 courses)
(European and U.S.)	
Math	(2 courses)
(College Algebra and a higher-level math course)	

Humanities (including Topics in the Liberal Arts)	(4 courses)
Social Sciences	(2 courses)
Natural Sciences (with lab)	(2 courses)
Speech (Public Speaking)	(1 course)

17 courses

Specific general education requirements relative to each major are stated under that major's heading.

Demonstration of Mathematics Proficiency

Students who have not had an introduction to algebra or college algebra course in two years, may have to demonstrate proficiency either on a standardized test or in an oral and/or written exam before taking M 102G College Algebra or more advanced mathematics courses.

Declaring a Major

Selection of major does not imply a career choice. Concentration in a major field of study is designed to give students command of the content and methods of one discipline or field, acquaintance with recognized authorities in the field, and general competence in dealing with sources of research or analysis.

Major Requirements

Students must satisfactorily fulfill the requirements of their major department, outlined in the catalogue in effect when they matriculate at Rollins. The number of credits required by departments for the major may vary between 36 and 52.5. Course substitutions within the major must be approved by the Department Coordinator. In addition, students must earn a minimum grade point average of 2.0 in the major.

Students who withdraw from Rollins and who return after two or more years will be required to follow any curricular policies in effect at the time of their return.

Minor Requirements

Students who declare a minor must satisfactorily fulfill the requirements of the minor subject. The number of courses required for the minor varies from 6 to 8.

Responsibility for Requirements

Every student is responsible for knowing and meeting all degree requirements and standards listed in the College catalogue, as well as all academic regulations. It is ultimately the student's responsibility to ensure that all necessary requirements and standards have been met. Questions concerning the requirements and standards should be addressed to the academic advisor or the associate registrar.

Standards for the Baccalaureate Degree

Below are the overall standards for the baccalaureate degree. Specific requirements for each major are listed under that major's heading in the catalogue.

1. The last 30 semester hours for the baccalaureate degree must be taken at Rollins College.
2. At least one hundred twenty-one semester hours are required for graduation; at least 48 of these hours must be upper level (300-400).
3. Students must earn a minimum cumulative academic average of 2.0 ("C") on a four-point scale for all courses taken at Rollins.
4. Students must earn a minimum cumulative academic average of 2.0 ("C") on a four-point scale for all courses taken at Rollins to fulfill major requirements. (Requirements for all majors are listed in the catalogue.)

Standards for the Associate of Arts Degree

Below are the overall standards for the associate of arts degree. Specific requirements for each major are listed under that major's heading in the catalogue.

1. The last 15 semester hours for the associate of arts degree must be taken at Rollins College.

2. At least sixty semester hours are required for graduation.
3. Students must earn a minimum cumulative academic average of 2.0 ("C") on a four-point scale for all courses taken at Rollins.
4. Students must earn a minimum academic average of 2.0 ("C") on a four-point scale for all courses taken at Rollins to fulfill major requirements. (Requirements for all majors are listed in the catalogue.)

Intent to Graduate

Students who have accumulated a total of 90 semester hours should request a review of their records in order to plan the remaining courses to fulfill all requirements for the bachelor's degree.

Upon registration for the term in which seniors expect to fulfill all degree requirements, seniors must submit an "Intent to Graduate" form and pay a nonrefundable graduation fee of \$50.00. Students must comply with the deadline dates below for submitting the "Intent to Graduate" form:

Completion of Degree Requirements in

Deadline

December

September 1

May

February 1

August

June 1

Commencement

Commencement is held once a year after the spring term. Summer and fall graduates may elect to receive their diplomas after completion of degree requirements or wait until they participate in the spring commencement.

Majors and Minors

Majors

Majors are offered in the following fields of study:

Accounting

Business Administration

Computer Information Systems
Computer Science
Elementary Education
English
History
Humanities
Organizational Behavior
Psychology

Minors

A minor is required for graduation with a Bachelor of Arts degree in all majors except Elementary Education. A minor is optional for a Bachelor of Science degree. Students may select any minors from the above list of majors, except Elementary Education, as well as the additional disciplines listed below:

Mathematics
Organizational Communication
Philosophy
Secondary Education
Sociology

The Academic Calendar

The academic calendar consists of a 14-week fall term, a 14-week spring term, a 14-week summer term that includes two intensive 7-week terms. Classes are scheduled weekdays, weeknights, and Saturdays.

The Credit System and Course Scheduling Format

Academic credit at Rollins is awarded in terms of "semester credit hours." A standard three-credit-hour evening course offered during a standard term meets once a week for 2 hours and 45 minutes, with a 15 minute break included. A standard three-credit-hour day course meets 2 times per week for 75 minutes.

Auditing

Audit registrations are accepted on a space-available basis. At the discretion of the instructor, some courses may be closed to auditors. Students who register as auditors will be charged 50 percent of the

tuition for the course. Although regular attendance is expected of auditors, they are not liable for quizzes, examinations, or other assigned work, and they receive no credit for the course.

Students not originally enrolled as auditors who wish to change their status to that of auditor must do so in writing before the fourth week of classes during a regular term. They will not receive a tuition discount.

Credit/No Credit

In order to learn without the pressure of working toward a specific grade, students may elect to take certain courses on a credit/no credit basis. Courses in the major or minor fields (with the exception of internships) and courses used to fulfill general education requirements may not be taken on a credit/no credit basis unless the course is designed as such or the instructor grades all students in the course on that basis. Some courses, such as certain preparatory courses and internships, are graded only on a credit/no credit basis.

Students who earn a "C-" or better in a course taken for credit receive a mark of "CR" and the appropriate number of credit hours. Students earning less than a "C-" receive a mark of "NC." In either case, the grade point average is not affected. Only one course per term may be taken credit/no credit, and a maximum of four such courses will count for graduation.

Students electing to take a graded course on a credit/no credit basis must notify the Brevard Campus Office in writing before the fourth week of classes during a regular term.

Course Load

The minimum course load for a full-time student is 12 hours. The recommended maximum number of hours for which a student should enroll is 15. Fully employed students are advised not to register for more than two courses.

Operation Bootstrap

Military personnel who are authorized full-time study under Operation Bootstrap may earn a maximum of 15 semester credit hours per term.

Classification of Students

Class standing is determined by the number of semester hours completed:

Sophomore standing	(30 semester hours)
Junior standing	(60 semester hours)
Senior standing	(90 semester hours)

Classification of Courses

Courses are classified as lower level (100 and 200 level) and upper level (300 and 400 level). Freshmen and sophomores are encouraged to fulfill all 100 and 200 level general education requirements by the end of their junior year.

Transfer Credit

Accepted candidates receive a transfer credit evaluation with their acceptance letter. Credit is granted if (1) the credit was earned from a regionally accredited college or university, (2) the grade achieved in the course is a "C" or better, and (3) the course content and level are equal or similar to a course offered at Rollins College. Remedial courses, vocational courses, and mathematics courses below Introduction to College Algebra are not transferable. The Brevard Campus does not award credit for physical education classes. No more than 60 semester hours will be accepted as transfer credit from a junior or community college.

College-Level Examination Program (CLEP)

The following guidelines must be satisfied to be awarded credit for CLEP General or Subject Examinations.

1. A student must complete any examination prior to achieving sophomore status (30 semester hours earned).
2. CLEP General or Subject Examinations will not be used to fulfill major or minor core or elective requirements. Such examinations may be used to fulfill general education (if applicable) or general elective requirements. Students who receive credit for the English General Examination with Essay are exempt from E-101G only.

3. Students who score within the acceptable guidelines on the CLEP General or Subject Examinations may receive up to thirty semester hours of credit. Examinations may not duplicate course material previously covered.
4. If a student completed CLEP Examinations prior to becoming a Rollins student, such credit must appear on an official CLEP transcript. There is a five-year limitation on the acceptance of such credit.
5. Students must attain the MEAN score on the examination to receive credit.

Military Credit

The Guide to the Evaluation of Educational Experiences in the Armed Forces is the guide to evaluation of courses taken in the Armed Services.

Credit for Training Programs

A maximum of 6 semester hours of academic credit may be awarded for training courses in the subject areas contained in the College's curriculum. To be considered for credit, the training course must have been evaluated and recommended for credit by the American Council on Education. To be designated as partially fulfilling requirements for the major, such a training course must be approved by the major department.

Registration

Prior to registration each term, students are encouraged to consult with an academic advisor and to prepare registration materials. Students are responsible for submitting, at the time of registration, a completed registration form signed by an advisor.

Dropping or Adding a Course

All changes in registration (adding or dropping a course) must be made prior to the second class meeting. To add and drop courses, students must complete an "Add/Drop" form and submit this form to the Brevard Campus Office staff. A \$15.00 fee will be charged per course exchange. Tuition refunds are subject to Rollins Brevard's published refund policies.

Withdrawal from a Course

Students may withdraw without penalty from a course up to the published deadline for the term. To withdraw, students must complete a "Withdrawal" form, which must be signed by an authorized official of Rollins College. Verbally notifying the instructor will not suffice as an official withdrawal. A withdrawal in writing by mail is acceptable, provided it is postmarked by the last date to withdraw.

Students who withdraw after the published deadline or abandon a course without submitting official withdrawal notification in writing will receive an "XF" for the course. An "XF" grade is equivalent to a failure.

Class Attendance

Students at Rollins are expected to attend all of their scheduled classes. Each instructor publishes a course absence policy related to the goals and format of the course. At the instructor's discretion, a student's grade may be lowered as a penalty for excessive absences.

All students are responsible for their absences from class. It is the student's responsibility to ascertain the absence policy for each course and to arrange with the instructor to make up any work missed. A student who must be absent from the campus for an extended period of time or during an emergency should inform the instructor. However, arranging make-up work is always the student's responsibility, and in this respect there is no difference between excused and unexcused absences. Some assignments, by their very nature, cannot be made up in another setting or at another time.

Grading System

The student's work in a completed course is evaluated and recorded by letters based upon the following principles:

- A reserved for work that is exceptional in quality, for work showing keen insight, understanding and initiative.
- B indicates consistently superior work showing interest, effort, and/or originality.
- C a respectable grade that reflects consistent daily preparation and satisfactory completion of all work required in the

course. A minimum "C" average (2.00) is required for graduation.

- D ordinarily not accepted for transfer by other institutions; below the average necessary for meeting graduation requirements. A grade of "D-" is the lowest passing grade.
- F failing.

The letter grades are assigned quality points as follows:

Grade	Quality Points	Grade	Quality Points
A	4.00	C-	1.67
A-	3.67	D+	1.33
B+	3.33	D	1.00
B	3.00	D-	.67
B-	2.67	F	0
C+	2.33	XF	0
C	2.00		

Transcripts

Grade reports are sent to all students at the end of each term free of charge. Students receive one official transcript free of charge upon graduation from Rollins College. Additional requests for official transcripts must be made in writing to the Office of the Registrar, Rollins College Brevard Campus, 1535 North Cogswell Street, Rockledge, Florida 32955-2738. Students who have not taken classes for three years should direct their requests for transcripts to the Office of the Registrar, Rollins College, 1000 Holt Avenue - 2713, Winter Park, Florida 32789-4499. There is a fee of \$3.00 for each additional official transcript. Transcripts are not issued for students with an unpaid balance.

Privacy Rights of Students

Rollins College believes in the protection of confidentiality of student records and the preservation of a student's right to inspect the contents of his or her educational records. Educational records consist of the records in the offices of the Brevard Campus, Cashier, Registrar, Student Financial Planning, and faculty adviser's folders. Rollins has the right to

release "directory information" as defined by the Family Educational Rights and Privacy Act, as a matter of course. Directory information consists of: name, class, address, parents' names and address, telephone listing, date and place of birth, major field of study, participation in the officially-recognized sports, weight and height of members of athletic teams, dates of attendance, degrees, awards and honors received in the curricular and co-curricular life of the College, the most recent previous educational institution attended by the student, and individually identifiable photographs of the student solicited by or maintained directly by Rollins as part of the educational record. Students may ask in writing to withhold any or all such directory information annually. Rollins College will make the educational record available to parents or guardians when the student is claimed as a dependent with the Internal Revenue Services. This policy is subject always to the provisions of the Family Educational Rights and Privacy Act of 1974, as amended.

Incomplete Work

The mark of "I" indicating that the work of a course is Incomplete, may be assigned only when circumstances beyond the control of the student--such as illness or necessary absence from the campus--have made it impossible for the student to complete the work of the course within the normal period. The student has the responsibility to make arrangements with the instructor before the course ends to complete the work within 60 days from the last day of the term. Failure to complete the coursework in the designated time will result in the assignment of a grade of "F."

Grade Changes

Only an instructor may change the grade given in a course with the exception of an "XF." An "XF" may be changed by the Dean of the Brevard Campus with the approval of the instructor and the Department Coordinator. Any such request for a change of "XF" must be written and submitted by the student within 60 days from the last day of the term in question and will be approved only in the most extraordinary circumstances.

Grade Appeals

Questions regarding grades should be first discussed with the instructor. If questions regarding a course grade cannot be resolved between the student and the instructor, the student has the option of filing a grade

appeal. All grade appeals must be submitted in writing to the Brevard Campus Office within 60 days from the last day of the term in question. The appeal should state the reasons why the student is contesting the grade. The student should supply supporting evidence and documentation in the grade appeal. Based on the student's letter of appeal and the reasons contained therein, the Dean determines whether or not to convene a hearing of the case. If an appeal hearing is granted, an appointed Committee reviews the case and makes a recommendation to the Dean. The Dean's decision is final. The student is informed in writing as to the Dean's decision.

Repeated Course

Students may repeat only a course for which they received a failing grade. They will not be awarded credit for the repeated course, but the grade earned will figure into the student's grade point average. The original grade is not removed if the student repeats the course.

Academic Honesty

As an academic community, Rollins College holds ethical conduct to be inseparable from wisdom. The students and faculty of Rollins affirm the inherent value and social utility of truthfulness and respect for the rights of other individuals as well as the rights of the community. The students and faculty particularly affirm the value of academic honesty and accept the responsibility to present only work which is genuinely theirs. Rollins students and faculty shall neither commit nor tolerate cheating, plagiarism, or any other form of academic dishonesty.

Academic dishonesty is defined as representing another's work as one's own, active complicity in such falsification, or violation of test conditions. The instructor's responsibility toward the prevention of academic dishonesty is to explain to students what constitutes academic dishonesty within the particular requirements of the course. Special attention should be given to the problem of plagiarism. The instructor is further responsible for ensuring that examinations are administered in a fashion that will discourage cheating or other forms of academic dishonesty.

In all cases of suspected academic dishonesty the College follows the procedures outlined below in order to ensure due process:

1. The instructor deals with academic dishonesty by informing the student of the infraction as expeditiously as possible and by taking whatever academic punitive action the instructor deems appropriate. The instructor informs the Dean of the infraction by letter, a copy of which is sent to the student. The Dean informs the student of the right to appeal to the Dean. An appeal should be made within one week of notification by the instructor.
2. If the student appeals the instructor's action, the Dean questions the instructor, the student, and all appropriate witnesses, including those requested by the student. If the Dean determines that there has been an infraction of College policy, the academic punitive action taken by the instructor remains in effect. If the Dean rules that there has been no infraction, the instructor re-evaluates the work in question and does not penalize the student because of the alleged violation. The Dean determines whether an infraction has been committed but does not have the authority to assign a grade for either the work or the course.
3. Any student who commits two infractions involving academic dishonesty is subject to suspension or dismissal from the College.

Academic Probation and Dismissal

Probation

Students who have met admission requirements and have been matriculated into the Brevard Campus must maintain a 2.0 ("C") cumulative average. Students whose cumulative GPA falls below 2.0 will be placed on academic probation.

Dismissal

1. Students who have been placed on academic probation must raise their cumulative grade point average to 2.0 or be eligible for dismissal from the College. Probationary students must attain this average (1) by the end of the third consecutive regular term after being placed on probation (regular terms are fall, spring, and summer): or (2) by the end of his or her fifth course after being placed on probation--whichever comes first. Moreover, a probationary student becomes eligible for dismissal if in any term

he or she fails to show progress toward achieving a 2.0 by failing to maintain at least a 2.0 term-GPA during that term.

2. A student must maintain a 2.0 cumulative average after he/she has completed 30 courses or be subject to dismissal by the Dean.
3. Students dismissed from the Brevard Campus are dismissed from all programs of the College.
4. Students who are academically dismissed have 10 days to appeal the decision to the Dean.
5. Academically dismissed students may apply for readmission after one calendar year has elapsed.

Readmission

Students who have been dismissed from the College will not be considered for readmission until one calendar year has elapsed. All readmissions must be approved by the Dean.

HONORS and AWARDS

Dean's and President's Lists

The Dean's and President's Lists honor those students who have earned a particularly high academic standing in the previous fall or spring term. To be included on either list for a given term, the student must have completed a minimum of two courses worth at least three semester hours each, with grades, no incompletes, and the following term averages: 3.67 - 4.00 for the President's List; and 3.33 - 3.66 for the Dean's List. Additionally, the student must be enrolled in a degree program and must have a cumulative Rollins minimum average of 2.0.

Honors and Awards at Graduation

Graduation with Honors

The distinction "Graduation with Honors" recognizes the academic excellence of graduates who have earned an overall grade point average of 3.50 or higher in at least 60 total semester credit hours of coursework taken at Rollins College.

The General Charles McCormick Reeve Award has been established at the College to recognize those graduates demonstrating the highest academic standing in studies completed at Rollins College. The selection of recipients is made by a committee comprised of Brevard Campus faculty and administrators.

Other awards that recognize excellence in a particular field may be given to deserving students upon recommendation by departments within the College.

DEGREE REQUIREMENTS and COURSES OF STUDY

Barry Winicki, Department Coordinator

(407) 633-7275

Accounting is a professional service activity that identifies, analyzes, records, and summarizes the economic information about an entity. Primarily, it serves the manager, owner, and creditors of the entity, and the interests of the general public. Accounting also provides important information regarding personal financial decisions.

Although accounting may seem to be a tedious and detailed activity, it is very challenging and has an extremely bright future. The Accounting program at St. John's University provides the accounting concepts underlying accounting, and the procedures to help them understand the current accounting rules used by accountants, and to develop their ability to adapt to changes in accounting as these changes occur.

To earn the Bachelor of Science Degree in Accounting, students must earn the coursework stated on page 32 and complete the following degree requirements:

Requirements for the Bachelor of Science Degree in Accounting

A. Major Requirements (17 courses)

at least 6 courses must be completed at St. John's

At least 2 courses must be 300-level

ACC 2010 Financial Accounting I (4)

ACC 2020 Managerial Accounting I (4)

ACC 2030 Managerial Accounting II (4)

ACC 2040 International Accounting (4)

ACC 2050 Business Law (4)

ACC 2060 Financial Accounting II (4)

ACC 2070 Cost Accounting (4)

ACC 2080 Tax (4)

ACC 3000 Advanced Accounting (4)

DEGREE REQUIREMENTS HONORS and AWARDS COURSES OF STUDY

Dean's and President's Lists

The Dean's and President's Lists honor students who have earned a particularly high academic standing in the previous fall or spring semester. To be included on either list for a given term, the student must have completed a minimum of six courses worth at least three semester hours each, with grades, no lower than, and the following term averages: 3.67 - 4.00 for the President's List, and 3.33 - 3.66 for the Dean's List. Additionally, the student must be enrolled in a degree program and must have a cumulative GPA of at least 3.0.

Honors and Awards at Graduation

Graduation with Honors

The distinction "Graduation with Honors" recognizes the academic excellence of graduates who have earned an overall grade point average of 3.50 or higher in at least 60 semester hours of coursework taken at Rollins College.

The General Charles McCreckle Beeson Award has been established at the College to recognize those graduates demonstrating the highest achievement in studies completed at Rollins College. The selection of recipients is made by a committee composed of members of faculty and administrative staff.

Other awards that recognize excellence in a particular field may be given to deserving students upon recommendation by departments within the College.

ACCOUNTING

(Major, Minor)

Gary Winarski, Department Coordinator

(407) 632-9575

Accounting is a professional service activity that identifies, measures, records, and communicates economic information about an entity. Primarily, it serves the manager, owners, and creditors of the entity, and the interests of the general public. Accounting communicates economic information by using periodic financial statements.

Although accounting may seem to be a procedural and clerical activity, it is very challenging and has an extensive theoretical foundation. The Accounting program is designed to teach students the accounting concepts underlying specific accounting methods or procedures, to help them understand the current accounting rules used by accountants, and to develop their ability to adapt to changes in accounting as these changes occur.

To earn the Bachelor of Science Degree in Accounting, students must meet the standards stated on page 22 and complete the following degree requirements.

Requirements for the Bachelor of Science Degree in Accounting:

A. Major Requirements (12 courses)

At least 6 courses must be completed at Rollins.

At least 8 courses must be 300-400 level.

AC 204G Financial Accounting Principles [3]

AC 205G Managerial Accounting Principles [3]

AC 312G Intermediate Accounting I [3]

AC 313G Intermediate Accounting II [3]

AC 314G Intermediate Accounting III [3]

AC 335G Individual Income Taxation [3]

AC 336G Cost Accounting I [3]

AC 401G Auditing I [3]

AC 403G Advanced Accounting [3]

Three of the following courses:

AC 337G Cost Accounting II [3]

AC 352G Accounting Information Systems [3]

AC 402G Auditing II [3]

AC 405G Contemporary Financial Accounting Issues [3]

AC 406G Government and Fund Accounting [3]

AC 407G Corporate and Partnership Taxation [3]

BA 307G Financial Management [3]

BA/EC 315G Personal Financial Management [3]

BA 322G Business Law I [3]

BA 323G Business Law II [3]

B. General Education Requirements (18 courses)

Accounting majors fulfill the General Education requirements stated on pages 20-21 by taking the courses listed below:

1. English (4 courses)

E 101G English Composition & Literature I [3]

E 102G English Composition & Literature II [3]

Two English courses [6]

2. History (2 courses)

H 113G or H 114G History of Modern Europe [3]

H 242G or H 243G History of the United States [3]

3. Mathematics (2 courses)

M 102G College Algebra or a more advanced math course [3]

M 219G Probability and Statistics [3]

(Students considering an MBA program will need Calculus I to satisfy graduate admission requirements.)

4. Humanities (4 courses)

IC 300G Topics in the Liberal Arts [3]

PH 307G Business Ethics [3]

Two Humanities courses [6]

5. Social Sciences (2 courses)

EC 211G Principles of Economics (MACRO) [3]

EC 212G Principles of Economics (MICRO) [3]

6. Natural Sciences (2 courses with lab)

Two Lab Sciences [10]

7. **Speech** (1 course)
CM 210G Public Speaking [3]
8. **Computer Science** (1 course)
CS 110G Computer Technology or a more advanced computer course [3]

C. Electives/Minor (9 courses)

Students majoring in Accounting can neither minor in nor take electives in Accounting or Business Administration.

A minor is optional for the Accounting Bachelor of Science degree. (Requirements for all minors are listed in catalogue.)

Requirements for the Minor in Accounting:

(7 courses; at least 4 courses must be 300-400 level)

- AC 204G Financial Accounting Principles [3]
- AC 205G Managerial Accounting Principles [3]
- AC 312G Intermediate Accounting I [3]
- AC 313G Intermediate Accounting II [3]
- AC 335G Individual Income Taxation [3]
- AC 336G Cost Accounting I [3]
- One Accounting elective [3]

To earn the Associate of Arts Degree in Accounting, students must meet the standards stated on pages 22-23 and complete the following degree requirements.

Requirements for the Associate of Arts Degree in Accounting:

A. Core Requirements (7 courses)

Completion of the Accounting Minor requirements

B. General Education Requirements (13 courses)

- E 101G English Composition & Literature I [3]
- E 102G English Composition & Literature II [3]
- H 113G or H 114G History of Modern Europe [3]
- H 242G or H 243G History of the United States [3]
- M 102G College Algebra or a more advanced math course [3]
- M 219G Probability & Statistics [3]
- IC 300G Topics in the Liberal Arts [3]
- PH 307G Business Ethics [3]
- EC 211G Principles of Economics (MACRO) [3]

EC 212G Principles of Economics (MICRO) [3]
One Lab Science [5]
CM 210G Public Speaking [3]
CS 110G Computer Technology or a more advanced computer course [3]

Course of Study

AC 204G FINANCIAL ACCOUNTING PRINCIPLES [3]: Topics include the accounting cycle, the classified income statement and balance sheet, accounting for cash, accounts receivable, inventories, plant assets, and stockholders' equity.

AC 205G MANAGERIAL ACCOUNTING PRINCIPLES [3]: A study of product costing and cost behavior. Topics include the statement of cash flows, job order costing, cost-volume-profit analysis, standard costs and variance analysis, budgeting, and direct costing. Prerequisite: **AC 204G.**

AC 312G INTERMEDIATE ACCOUNTING I [3]: An in-depth study of financial accounting topics including financial accounting theory, the classified income statement and balance sheet, cash, accounts receivable, inventories, contingencies, and depreciation. Prerequisite: **AC 205G.**

AC 313G INTERMEDIATE ACCOUNTING II [3]: An in-depth study of financial accounting topics including the acquisition of plant assets, intangible assets, accounting changes, the effective interest method, bonds payable, and stockholders' equity. Prerequisite: **AC 312G.**

AC 314G INTERMEDIATE ACCOUNTING III [3]: An in-depth study of financial accounting topics including earnings per share, pensions, leases, income taxes, the statement of cash flows, long-term construction contracts, and installment sales. Prerequisite: **AC 313G.**

AC 335G INDIVIDUAL INCOME TAXATION [3]: A thorough study of the taxation of individuals. Topics focus on the income and deductions used to determine an individual's taxable income and tax planning alternatives. Prerequisite: **AC 205G.**

AC 336G COST ACCOUNTING I [3]: A study of product costing and cost behavior. Topics include cost-volume-profit analysis, job order costing, budgeting, standard costs and variance analysis,

direct costing, joint products and byproducts, and process costing.

Prerequisite: **AC 205G**.

AC 337G COST ACCOUNTING II [3]: A continued study of product costing and cost behavior. Topics include cost allocation, capital budgeting, relevant costs for decision making, the economic order quantity model, linear programming, and return on investment.

Prerequisite: **AC 336G**.

AC 352G ACCOUNTING INFORMATION SYSTEMS [3]: General accounting systems theory and the design and operation of a contemporary accounting system in both manual and computerized environments. Prerequisite: **AC 313G**.

AC 395G INDEPENDENT STUDY [3]: Special permission required. (For additional information regarding independent studies, see page 9 of catalogue.)

AC 399G INTERNSHIP [3]: Special permission required. (For additional information regarding internships, see pages 8-9 of catalogue.)

AC 401G AUDITING I [3]: The independent auditor's role including: legal responsibilities, code of ethical conduct and standards of reporting, field work and competence. Topics include audit evidence, authorization of transactions, statistical sampling, review of internal controls, and auditor's report. Prerequisite: **AC 313G**.

AC 402G AUDITING II [3]: Application of auditing theory to problems and cases. Topics include statistical sampling, internal control, auditing computerized systems as well as the confirmation of receivables, inventory observations, and plant asset audits.

Prerequisite: **AC 401G**.

AC 403 ADVANCED ACCOUNTING [3]: Topics include foreign currency translation, partnership accounting, and consolidated financial statements prepared using the purchase and pooling methods of business combination. Prerequisite: **AC 313G**.

AC 405G CONTEMPORARY FINANCIAL ACCOUNTING ISSUES [3]: An in-depth study of financial accounting topics including current cost/constant purchasing power financial statements, segment reporting, interim financial reporting, capitalization of interest cost, discontinued operations, and troubled debt restructuring. Prerequisite: **AC 313G**.

AC 406G GOVERNMENT AND FUND ACCOUNTING [3]: The study of budgeting, accounting, and reporting procedure used by not-for-profit entities, such as state and local governments, hospitals, colleges and universities, and other non-profit organizations. Prerequisite: **AC 313G**.

AC 407G CORPORATE AND PARTNERSHIP TAXATION [3]: An in-depth study of the taxation of corporations, partnerships, estates and trusts. Topics focus upon the income and deductions used in determining the taxable income of these entities and tax planning alternatives. Prerequisite: **AC 335G**.

ART

A 311G ITALIAN RENAISSANCE ART I [3]: A chronological study of the first half of the Italian Renaissance. This course begins with the proto-Renaissance painting of Cimabue, Giotto and Duccio, and makes an extensive examination of the ideas and aesthetics of the fifteenth century, especially as they were manifest in Florence.

A 320G NINETEENTH-CENTURY ART [3]: The succession of styles in nineteenth-century painting, this course highlights the leadership of France, and showing in the painting of the nineteenth century, the basis for abstract art of the present time.

A 322G ART OF THE UNITED STATES [3]: Architecture, sculpture, and painting in the United States from the founding of the colonies to the present. The course traces America's emergence from a reflection of European influence to a position of independence in the first two decades of the twentieth century.

A 323G TWENTIETH-CENTURY ART [3]: The influences, origins and trends in painting since the Impressionist movement of the 1870s through the various styles of this century. Art is studied as reflecting social and political values of modern times.

A 490G TOPICS [3]: Course may be repeated for credit.

BIOLOGY

B 110G ECOLOGY I (includes lab) [5]: A study of the relation of organisms with each other and with their environment. This course considers aspects of human ecology such as resource stewardship and abuse, including pollution as well as population issues, as they affect the long-term sustainability of ecosystems.

B 111G ECOLOGY II (includes lab) [5]: A field-oriented course covering the fundamental processes and organization which characterize populations, communities, and ecosystems. Laboratory study emphasizes standard field methodology in the analysis of representative aquatic and terrestrial eco-systems of Central Florida.

B 284G/394G MARINE BIOLOGY (includes lab) [5]: An introduction to life in the sea. Directed field-oriented studies are conducted in the ecology, diversity, biogeography, and behavior of marine plankton, benthos and nekton. Emphasis is placed on representative field areas of Florida coasts and the Caribbean.

B 290G/390G TOPICS [3 or 5]: Topics vary. Course may be repeated for credit under a different topic.

BUSINESS ADMINISTRATION

(Major, Minor)

Lyvonne Burleson, Department Coordinator

(407) 632-9575

The world we live in today is complex, sophisticated, and rapidly becoming a global business community. Our goal is to provide the Business Administration major with the broad education necessary for confronting and solving problems in a changing world. Students become familiar with the economic, social, political, legal, and technical systems within which business operates. In addition to core courses in business law, ethics, management theory, marketing, finance, and accounting, students may choose marketing, management, international, or human resource electives from a curriculum which reinforces reasoning, communication, and computation skills. With the knowledge and skills gained through this program, the Business Administration graduate is prepared to meet the challenges of today and the changes of tomorrow.

To earn the Bachelor of Science Degree in Business Administration, students must meet the standards stated on page 22 and complete the following degree requirements.

Requirements for the Bachelor of Science Degree in Business Administration:

A. Major Requirements (12 courses)

At least 6 courses must be completed at Rollins.

At least 8 courses must be 300-400 level.

AC 204G Financial Accounting Principles [3]

AC 205G Managerial Accounting Principles [3]

BA 307G Financial Management [3]

BA 322G Business Law I [3]

BA 323G Business Law II [3]

BA 337G Marketing Management [3]

BA 339G Management Organization Theory [3]

Five BA Electives (three of which must be 300-400 level) [15]

B. General Education Requirements (18 courses)

Business Administration majors fulfill the General Education requirements stated on pages 20-21 by taking the courses listed below:

1. English (4 courses)

E 101G English Composition & Literature I [3]

E 102G English Composition & Literature II [3]

Two English courses [6]

2. History (2 courses)

H 113G or H 114G History of Modern Europe [3]

H 242G or H 243G History of the United States [3]

3. Mathematics (2 courses)

M 102G College Algebra or a more advanced math course [3]

M 219G Probability and Statistics [3]

(Students considering an MBA program will need Calculus I to satisfy graduate admission requirements.)

4. Humanities (4 courses)

IC 300G Topics in the Liberal Arts [3]

PH 307G Business Ethics [3]

Two Humanities courses [6]

5. Social Sciences (2 courses)

EC 211G Principles of Economics (MACRO) [3]

EC 212G Principles of Economics (MICRO) [3]

6. Natural Sciences (2 courses with lab)

Two Lab Sciences [10]

7. Speech (1 course)

CM 210G Public Speaking [3]

8. Computer Science (1 course)

CS 110G Computer Technology or a more advanced computer course [3]

C. Electives/Minor (9 courses)

Students majoring in Business Administration can neither minor in nor take electives in Business Administration or Accounting.

A minor is optional for the Business Administration Bachelor of Science degree. (Requirements for all minors are listed in catalogue.)

Requirements for the Minor in Business Administration:

(7 courses; at least 4 courses must be 300-400 level)

AC 204G Financial Accounting Principles [3]

AC 205G Managerial Accounting Principles [3]

BA 307G Financial Management [3]

BA 337G Marketing Management [3]

BA 339G Management Organization Theory [3]

One Business elective [3]

One of the following courses:

BA 322G Business Law I [3]

BA 323G Business Law II [3]

BA 324G Legal Environment of Business [3]

To earn the Associate of Arts Degree in Business Administration, students must meet the standards stated on pages 22-23 and complete the following degree requirements.

Requirements for the Associate of Arts Degree in Business Administration:

A. Core Requirements (7 courses)

Completion of the Business Administration Minor requirements

B. General Education Requirements (13 courses)

E 101G English Composition & Literature I [3]

E 102G English Composition & Literature II [3]

H 113G or H 114G History of Modern Europe [3]

H 242G or H 243G History of the United States [3]

M 102G College Algebra or a more advanced math course [3]

M 219G Probability & Statistics [3]

IC 300G Topics in the Liberal Arts [3]

PH 307G Business Ethics [3]

EC 211G Principles of Economics (MACRO) [3]

EC 212G Principles of Economics (MICRO) [3]

One Lab Science [5]

CM 210G Public Speaking [3]

CS 110 Computer Technology or a more advanced computer course [3]

Course of Study

BA 304G STATISTICS FOR BUSINESS ADMINISTRATION [3]:

Introduction to statistics for business administration students. Major emphasis is on statistical inference and decision-making for research in business. Topics covered include measures of central tendency, measures of dispersion, probability, sampling, hypothesis testing, regression, and correlation. BA 304G may be used as a Business elective to meet the statistics requirement, but may not be used as a substitute for M 219G to fulfill the math requirement. Prerequisite: **M 101G or M 102G.**

BA 307G FINANCIAL MANAGEMENT [3]: The theory and application of corporate financial management. The role of the financial manager in financial decision making. Analysis of corporate financial structure, asset management, capital budgeting, debt-vs-equity financing. Prerequisite: **AC 205G.**

BA 308G INVESTMENTS [3]: A study of the theories and techniques of investing. Stock and bond market investments are emphasized but

other investment vehicles also are discussed. Basic security analysis and portfolio management are covered, as well as personal financial planning concepts in a changing economic environment. Prerequisite: **BA 307G** or consent of instructor.

BA 315G PERSONAL FINANCIAL MANAGEMENT [3]:

Fundamentals of planning for the achievement of personal financial objectives. A study of the wide variety of financial instruments available for managing money. Topics covered include personal financial statements, insurance, social security, investments, tax, retirement and estate planning. May not be repeated for credit under another prefix. Prerequisite: Previous Accounting and Economics courses helpful. Senior status highly recommended.

BA 319G BUSINESS COMMUNICATIONS [3]: Principles and techniques of oral and written communications in a business environment. Emphasis is on communication as a process (ideas, messages, senders and receivers); language usage such as verbal or nonverbal and formal or informal; objectives, organization, and content of written and oral presentations.

BA 322G, 323G BUSINESS LAW I, II [3] [3]: Basic principles of law relating to contract, agency, partnerships, corporations, personal and real property, estates, sales, negotiable instruments, security for credit transactions, and bankruptcy.

BA 324G THE LEGAL ENVIRONMENT OF BUSINESS [3]: An environmental course in law to supplement the substantive detail of traditional business law. Concentrates on the nature, formation and application of law in general, particularly the relationship of debtor-creditor, employer-employee, labor-management and buyer-seller of goods. Other relationships such as that between government and business are developed and reviewed.

BA 328G WAGE & SALARY ADMINISTRATION [3]: Focusing on the compensation function of human resources management, this course examines wage and salary survey methods and compensation policies. It also includes job evaluations and determining appropriate financial and nonfinancial rewards for employees.

BA 331G SUPERVISION [3]: This course addresses the leadership and human relations problems experienced by supervisors at the first and

second level. Subjects include communications, motivation, discipline, listening, coaching and counseling, performance evaluations, productivity improvement, and assessment of individual management styles. The course is primarily experiential with extensive use of case problems and development of a situational approach to supervision.

BA 337G MARKETING MANAGEMENT [3]: An introduction to macro and micro marketing theories and their implications for the social, cultural, economic, competitive, and technological environments. Incorporates the principles of marketing (product, price, place, and promotion) into planning, implementing, and controlling marketing strategy in a consumer-oriented society. Micro marketing and macro marketing issues are debated as well as the legal environment of marketing. Recommended after **EC 212G**.

BA 339G MANAGEMENT ORGANIZATION THEORY [3]: The theory and practice of management skills and functions necessary to achieve high performance. Planning, organizing and staffing, leading, and controlling are examined with emphasis on strategic management and corporate structure. Prerequisite: **BA 331G** and junior status or consent of instructor.

BA 342G HUMAN RESOURCE MANAGEMENT [3]: Human resources are the people who work for an organization. This course is appropriate for anyone interested in employee rights and responsibilities and recommended for all aspiring managers. Topics include recruitment, selection and training of employees; job evaluations, pay and benefits; unions and labor relations; and other contemporary issues in human resources. Recommended after **BA 339G**.

BA 395G INDEPENDENT STUDY [3]: Special permission required. (For additional information regarding independent studies, see page 9 of catalogue.)

BA 399G INTERNSHIP [3]: Special permission required. (For additional information regarding internships, see pages 8-9 of catalogue.)

BA 408G SMALL BUSINESS MANAGEMENT [3]: A study of small business operation in the American economy and some of the major considerations required to start a successful small business. The course includes types, organizational structures, legal problems and procedures, planning, financing, marketing, producing, control, and governmental influences. Prerequisite: **BA 339G** and junior/senior status.

BA 409G BUSINESS POLICY [3]: This course is designed to bring together knowledge and skills learned in other business courses and is most appropriate as one of the final courses taken. Executive policies and decision making are analyzed through advanced case studies, examining strengths and weaknesses of overall corporate strategies. Prerequisite: **BA 339G** and senior status.

BA 410G INTERNATIONAL BUSINESS MANAGEMENT [3]: The social, cultural, and economic impact of multinational or global corporations. Policy and strategy in the areas of marketing, production, logistics, technology transfer, human resources, and finance are stressed. Prerequisite: **BA 339G** and junior status.

BA 412G INTERNATIONAL MARKETING [3]: Marketing strategy (product, price, place, and promotion decisions) in an international environment. Topics range from various levels of exporting to multinational or global operations and include public policy; government assistance; and legal, economic, and political considerations. Prerequisite: **BA 337G** and junior status.

BA 416G CONSUMER BEHAVIOR [3]: This course blends consumer behavior concepts and applications. Theoretical behavioral concepts are examined and applied from a managerial viewpoint; i.e., marketing strategies and decision making in the private, public, and nonprofit sectors. Exercises and cases offer opportunities for individual research, decision making, and creative activities. Recommended after **BA 337G**.

BA 422G MANAGEMENT-LABOR RELATIONS [3]: This course examines the legal framework of collective bargaining, negotiations, grievances, mediation and arbitration, and current developments in labor relations. Employee rights and organizational responses are examined in the public and private sectors, union and nonunion settings, and global environments. The class participates in mock contract negotiations. Prerequisite: Junior/senior status.

BA 426G ADVERTISING AND PROMOTION [3]: The social and legal impact of advertising, the advertising business, marketing mix and advertising, creation and production of broadcast, print, and other types of advertising. Relationship of business with agencies, media, and suppliers. Recommended after **BA 337G**.

BA 431G GOVERNMENT CONTRACTS MANAGEMENT [3]: Management of government contracts from proposal to contract

completion, prime and subcontracts, problems in contract performance.
Prerequisite: Junior or senior status in Business Administration.

BA 482G ORGANIZATIONAL BEHAVIOR [3]: This course focuses on managing, communicating and influencing human behavior in the context of the formal organization. Interpersonal relations, small groups, intergroup relations, formal and informal groups, conflict and change are examined and discussed through case analyses and exercises.

Prerequisite: **BA 339G** or consent of the instructor.

BA 484G LEADERSHIP THEORY [3]: Leadership is one of the most magnetic words in the English language. There is a universal interest in leaders and what makes them tick. This is a course that requires active participation. Initial emphasis is placed on the historical development of leadership theory and supporting research. Consideration of past and contemporary theories provide a basis of self-analysis which enables students to define their own leadership styles and to develop strategies for increasing their leadership potential.

BA 490G CONTEMPORARY ISSUES IN BUSINESS [3]: This is a discussion course dealing with significant social, political, economic, or ethical problems affecting business. Different issues are studied each year. Issues analyzed from various accounting, legal, financial, marketing, and managerial perspectives. The course is conducted in a seminar format with discussion based on contemporary journal articles. Prerequisites: Senior status and at least three Business Administration courses.

BA 499G TOPICS [3]: Topics vary. Course may be repeated for credit under a different topic.

COMPUTER INFORMATION SYSTEMS

(Major, Minor)

Larry Holt, Department Coordinator

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The Computer Information Systems major is the systematic study of algorithms and data structures relative to their formal properties, their mechanical and linguistic realizations, and their applications. The foundation of the program is based on the curricula developed by the Association for Computing Machinery. The emphasis is on computer applications, their design, and implementation. Students are exposed to the foundation courses of the computer science major and then are presented with the current methodology concerning system fundamentals, system design, and system testing/validation.

Requirements for the Bachelor of Arts Degree in Computer Information Systems: (Students wishing to earn a Bachelor of Science degree are required to take an additional 6 hours in their major for a total of 127 semester hours required for graduation.)

To earn the Bachelor of Arts Degree in Computer Information Systems, students must meet the standards stated on page 22 and complete the following degree requirements.

Requirements for the Bachelor of Arts Degree in Computer Information Systems:

A. Major Requirements (12 courses)

At least 5 courses must be completed at Rollins.

At least 8 courses must be 300-400 level.

CS 167G Programming with Pascal [3]

CS 261G Computer Science Principles I [3]

CS 270G Computer Science Principles II [3]

CS 350G Computer Architecture [3]

CS 370G Operating System Principles [3]

CS 380G Principles of Programming Languages [3]

CIS 361G System Fundamentals [3]

CIS 362G System Design [3]

CIS 364G System Testing [3]

CIS 490G Senior Design Project [3]

Two of the following courses:

CIS 310G COBOL [3]

CIS 390G Computer Communications and Networking [3]

CIS 491G Computer Law and Ethics [3]

Any CS prefix elective

B. General Education Requirements (17 courses)

Computer Information Systems majors fulfill the General Education requirements stated on pages 20-21 by taking the courses listed below:

1. English (4 courses)

E 101G English Composition & Literature I [3]

E 102G English Composition & Literature II [3]

Two English courses [6]

2. History (2 courses)

H 113G or H 114G History of Modern Europe [3]

H 242G or H 243G History of the United States [3]

3. Mathematics (2 courses)

M 205G Discrete Mathematics [3]

M 219G Probability & Statistics [3]

4. Humanities (4 courses)

IC 300G Topics in the Liberal Arts [3]

Three Humanities courses [9]

5. Social Sciences (2 courses)

Two Social Science courses [6]

6. Natural Sciences (2 courses with lab)

Two Lab Sciences [10]

7. Speech (1 course)

CM 210G Public Speaking [3]

C. Electives (2-4 courses depending on minor selected)

Electives must be taken outside the major.

D. Required Minor (6-8 courses)

(Requirements for all minors are listed in catalogue.)

Requirements for the Minor in Computer Information Systems:

(7 courses; at least 4 must be 300-400 level)

- CS 167G Programming with Pascal [3]
- CS 261G Computer Science Principles I [3]
- CS 350G Computer Architecture [3]
- CS 370G Operating System Principles [3]
- CIS 361G System Fundamentals [3]
- CIS 362G System Design [3]
- CIS 364G System Testing [3]

To earn the Associate of Arts Degree in Computer Information Systems, students must meet the standards stated on pages 22-23 and complete the following degree requirements.

Requirements for the Associate of Arts Degree in Computer Information Systems:

A. Core Requirements (7 courses)

Completion of the Computer Information Systems Minor requirements

B. General Education Requirements (10 courses)

- E 101G English Composition & Literature I [3]
- E 102G English Composition & Literature II [3]
- H 113G or H 114G History of Modern Europe [3]
- H 242G or H 243G History of the United States [3]
- M 205G Discrete Math [3]
- M 219G Probability & Statistics [3]
- IC 300G Topics in the Liberal Arts [3]
- One Social Science course [3]
- One Lab Science [5]
- CM 210G Public Speaking [3]

C. Electives (3 courses)

Course of Study

CIS 310G COBOL [3]: An introduction to programming in COBOL. Topics include syntax program structure, input/output, and utilization of accepted programming techniques. Prerequisite: **CS 270G.**

CIS 361G SYSTEM FUNDAMENTALS [3]: An introduction to information analysis and the basics of logical design. Introductory skills are developed along with basic tools and techniques for representing systems. The fundamental concepts associated with viewing a problem set as a system are explained. These concepts are then integrated into the organization structure to present a basis for understanding and analyzing organizations as a system. Use of case studies is stressed. Prerequisite: **CS 350G** or equivalent.

CIS 362G SYSTEM DESIGN [3]: Addresses the system development life cycle. It focuses on both the underlying principles of system design and system techniques. The course is structured to introduce the student to the formalization of the system design process by exploring state of the art system design and specification methods and stresses current knowledge in the specification, design, implementation and testing of information systems. Prerequisite: **CIS 361G**.

CIS 364G SYSTEM TESTING [3]: This course teaches the principles and practices of system testing with the importance of testing stressed throughout the system life cycle. Topics include the psychology of testing, theoretical issues in testing, practical techniques for generating these data based on problem specification or on program design and code, human-based techniques for testing and validation, and a discussion of some tools available for supporting the testing process and recent research in testing techniques. Software reliability is also discussed. Prerequisite: **CIS 362G**.

CIS 380G SURVEY OF INFORMATION SYSTEMS [3]: The course uses a case-study approach toward understanding enterprise-wide and departmental transaction-oriented systems. Both mainframe and distributed approaches are reviewed. Typical applications studied include order processing and inventory control, banking, insurance, medical/dental systems, manufacturing control, merchandising, and integrated accounting applications. Prerequisite: **CIS 361G**.

CIS 390G COMPUTER COMMUNICATIONS AND NETWORKING [3]: Local-area networks (LAN), wide-area networks (WAN), and commonly used communications/networking protocols are studied. Communications hardware and software, protocol layers, client/server model, implementation trade-offs, and failsoft/recovery methods are presented. Prerequisite: **CS 261G**.

CIS 395G INDEPENDENT STUDY [3]: Special permission required. (For additional information regarding independent studies, see page 9 of catalogue.)

CIS 399G INTERNSHIP [3]: Special permission required. (For additional information regarding internships, see pages 8-9 of catalogue.)

CIS 490G SENIOR DESIGN PROJECT [3]: This course is co-presented with CS 497G. The class, as a whole, is tasked with the design, implementation, and testing of a computer-based project. The CIS students concentrate on the design, documentation, and testing aspects of the project. Prerequisites: **CIS 364G, CS 370G, and CS 380G.**

CIS 491G COMPUTER LAW AND ETHICS [3]: This course provides an overview of the protective mechanisms available for "intellectual property" related to computers. Topics addressed include copyrights, patents, trade secrets, and trademarks. The course then examines the ethical use of computers by individuals and businesses. Various computer crimes and examples of hacker activities (viruses, worms, etc.) are presented. The course requires a 7- to 10-page research paper to be completed. This course is applicable to all majors. It assumes a basic knowledge of computers (CS 110G Computer Literacy or the equivalent). No programming experience is required. Formerly CIS 499G; may not be repeated for credit.

COMPUTER SCIENCE

(Major, Minor)

Larry Holt, Department Coordinator(407) 632-9575

The Computer Science major is the systematic study of algorithms and data structures relative to their formal properties, their mechanical and linguistic realizations, and their applications. The program of study is based on the curricula developed by the Association for Computing Machinery. The emphasis is on the design, implementation, and verification of algorithms. Students specifically draw upon various science and math disciplines in order to construct effective algorithms necessary to solve a variety of problems. Students have numerous opportunities to implement algorithms on the College's computers using a high-level structured language.

Requirements for the Bachelor of Arts Degree in Computer Science:
(Students wishing to earn a Bachelor of Science degree are required to take two additional courses in their major for a total of 128 semester hours required for graduation.)

To earn the Bachelor of Arts Degree in Computer Science, students must meet the standards stated on page 19 and complete the following degree requirements.

Requirements for the Bachelor of Arts Degree in Computer Science:

A. Major Requirements (12 courses)

At least 5 courses must be completed at Rollins.

At least 8 courses must be 300-400 level.

CS 167G Programming with Pascal [3]

CS 261G Computer Science Principles I [3]

CS 270G Computer Science Principles II [3]

CS 350G Computer Architecture [3]

CS 360G Algorithm Analysis [3]

CS 370G Operating System Principles [3]

CS 380G Principles of Programming Languages [3]

CS 497G Senior Project in Computing [3]

M 205G Discrete Mathematics [3]

M 340G Numerical Analysis [3]

Two of the following:

CS 355G C [3]

CS 362G ADA [3]

CS 371G UNIX Operating System [3]

CS 415G Computer Graphics I [3]

CS 420G Neural Networks [3]

CS 430G Artificial Intelligence [3]

CS 450G Real-Time Control [3]

CS 460G Database Design [3]

CIS 491G Computer Law and Ethics [3]

B. General Education Requirements (15 courses)

Computer Science majors fulfill the General Education requirements stated on pages 20-21 by taking the courses listed below:

1. English (4 courses)

E 101G English Composition & Literature I [3]

E 102G English Composition & Literature II [3]

Two English courses [6]

2. History (2 courses)

H 113G or H 114G History of Modern Europe [3]

H 242G or H 243G History of the United States [3]

3. Humanities (4 courses)

IC 300G Topics in the Liberal Arts [3]

Three Humanities courses [9]

4. Social Sciences (2 courses)

Two Social Science courses [6]

5. Science (2 courses)

P 201G Principles of Physics I [5]

P 202G Principles of Physics II [5]

6. Speech (1 course)

CM 210G Public Speaking [3]

C. Electives (5 courses)

Electives must be taken outside the major.

D. Required Math Minor (6 courses)

M 111G Calculus I [5]

M 112G Calculus II [5]

M 211G Calculus III [3]

M 219G Probability & Statistics [3]

Two of the following courses:

M 212G Ordinary Differential Equations [3]

M 321G Linear Algebra [3]

M 322G Discrete Structures [3]

Requirements for the Minor in Computer Science:

(8 courses; at least 4 must be 300-400 level)

CS 167G Programming with Pascal [3]

CS 261G Computer Science Principles I [3]

- CS 270G Computer Science Principles II [3]
- CS 350G Computer Architecture [3]
- CS 370G Operating System Principles [3]
- CS 380G Principles of Programming Languages [3]
- CS 497G Senior Project in Computing [3]
- M 205G Discrete Math [3]

To earn the Associate of Arts Degree in Computer Science, students must meet the standards stated on pages 22-23 and complete the following degree requirements.

Requirements for the Associate of Arts Degree in Computer Science:

A. Core Requirements (8 courses)

Completion of the Computer Science Minor requirements

B. General Education Requirements (12 courses)

- E 101G English Composition & Literature I [3]
- E 102G English Composition & Literature II [3]
- H 113G or H 114G History of Modern Europe [3]
- H 242G or H 243G History of the United States [3]
- M 111G Calculus I [3]
- M 112G Calculus II [3]
- M 211G Calculus III [3]
- M 219G Probability & Statistics [3]
- IC 300G Topics in the Liberal Arts [3]
- One Social Science course [3]
- P 201G Principles of Physics I [5]
- CM 210G Public Speaking [3]

Course of Study

CS 110G COMPUTER TECHNOLOGY [3]: This elementary course surveys the field of information processing. Students are introduced to the components of a computer system, word processing, the spreadsheet, and database management. Some consideration is given to applications in business, algorithm design, and the proper place of the computer in society. The course includes hands-on experience. Cannot be applied toward CS or CIS major or minor requirements.

CS 167G PROGRAMMING WITH PASCAL [3]: An introduction to the solution of computer problems using Pascal. Emphasis is on good

programming methodology. Topics include data types, looping constructs, procedures, arrays, and records. Problem analysis, algorithm representation (pseudocode and graphical techniques), and algorithm verification (desk checking and test data). This course serves as the foundation for CS 261G and CS 270G. Prerequisite: **CS 110G** or equivalent or consent of instructor.

CS 261G COMPUTER SCIENCE PRINCIPLES I [3]: Develops discipline in program design, problem solving, debugging, and testing with an introduction to data structures and software engineering. Pascal is used to construct programs of a moderate size. Topics include abstract data types (ADTs), implementation of non-native data types, stacks, queues, and linked lists. The student is exposed to techniques of dynamic memory allocation and object oriented design and programming. Prerequisite: **CS 167G**.

CS 270G COMPUTER SCIENCE PRINCIPLES II [3]: Continuation of Computer Science Principles I. Building abstractions with procedures and data. Topics include tree structures, sorting, searching, and recursion. A moderate-size term project is assigned. Prerequisite: **CS 261G**.

CS 350G COMPUTER ARCHITECTURE [3]: The hierarchy of machine levels, basic computer organization, instruction sets, data representations, addressing schemes, control flow, input/output, and microprogramming. Prerequisites: **CS 261G** and **M 205G**.

CS 355G C [3]: An introductory course in the C programming language. Emphasis is on structured programming constructs and use of data structures. Prerequisite: **CS 270G**.

CS 360G ALGORITHM ANALYSIS [3]: A detailed study of algorithm design and analysis. Emphasis is on verification and analysis of time-space complexity. NP-theory is introduced. Divide and Conquer, Greedy, Dynamic Programming, Backtracking, and Branch-and-Bound are some classes of algorithms that are studied. Prerequisites: **CS 270G** and **M 340G**.

CS 362G ADA [3]: Lexical elements and constructs of the DOD programming language ADA are covered in sufficient detail to enable the student to develop software engineering applications required by the military, government, and private sector. Prerequisite: **CS 270G**.

CS 370G OPERATING SYSTEM PRINCIPLES [3]: The structure and function of operating systems with emphasis on concurrent processes and resource management. Topics include process scheduling, communication, synchronization, and deadlock; memory management and virtual systems, I/O file systems, protection and security. Prerequisite: **CS 350G**.

CS 371G UNIX OPERATING SYSTEM [3]: A continuation of topics addressed in CS 370G. This course concentrates on the UNIX environment and how it handles classical operating systems problems such as scheduling, communications, deadlock, concurrency, and file organization. Scripts and utilities are covered. Prerequisite: **CS 370G** and **CS 355G**.

CS 380G PRINCIPLES OF PROGRAMMING LANGUAGES [3]: This course emphasizes the principles and programming styles that govern the design and implementation of contemporary programming languages. Topics include language syntax, grammars and parsing examples, control structures, binding, the run-time environment, formal semantic models, and the principal language styles of modern languages. Prerequisite: **CS 270G**.

CS 395G INDEPENDENT STUDY [3]: Special permission required. (For additional information regarding independent studies, see page 9 of catalogue.)

CS 399G INTERNSHIP [3]: Special permission required. (For additional information regarding internships, see pages 8-9 of catalogue.)

CS 415G COMPUTER GRAPHICS [3]: Two-dimensional (2D) graphics application design and programming considerations are presented. Topics include design of an icon-based user interface, graphics transformations, graphics primitives, Bresenham's algorithms, and cubic curves. Students program several applications to reinforce concepts. Prerequisites: **CS 270G** and **M 321G**.

CS 420G NEURAL NETWORKS [3]: This course addresses the history, theory, and application of artificial neural networks as a "machine learning" methodology. Topics include the structure and function of biological and simulated neurons, neural network architecture and operation, training algorithms, the Kolmogorov

Theorem, implementation in software/hardware, and current and future applications of neural networks. Prerequisites: **CS 270G**, **M 111G**, and **M 321G**.

CS 430G ARTIFICIAL INTELLIGENCE [3]: This course introduces students to basic concepts and techniques of artificial intelligence. Topics include search strategies, logic and resolution, memory organization, expert systems (knowledge based) and neural networks. Prerequisite: **CS 270G**.

CS 450G REAL-TIME CONTROL [3]: This course addresses the design of real-time control systems. Topics include classical control problems (e.g., the autopilot), theory of feedback systems, state space representation, time domain and stability analysis of control systems, the Root-Locus Method, frequency response methods, and the Z and Laplace transforms in control system analysis. Prerequisites: **CS 270G**, **M 112G**, and either **M 205G** or **M 321G**.

CS 460G DATABASE DESIGN [3]: An introduction to the design and management of database systems. Topics include file organization, database models and their implementations, query language theory and examples, and data normalization. Prerequisite: **CS 270G**.

CS 497G SENIOR PROJECT IN COMPUTING [3]: A project-oriented course which draws on all previous coursework. Class is co-presented with **CIS 490G**. The class as a whole, is tasked with the design, implementation, and testing of a computer based project. The CS student concentrates on design and implementation of the software component of the project. Prerequisites: **CS 360G**, **CS 370G**, and **CS 380G**.

ECONOMICS

EC 211G PRINCIPLES OF ECONOMICS (MACRO) [3]: An introduction to economic concepts that aid in understanding aggregate economic phenomena and policy alternatives. Topics covered include supply and demand, the determination of national income, inflation, unemployment, the banking system, economic growth, income distribution, and the national debt.

EC 212G PRINCIPLES OF ECONOMICS (MICRO) [3]: An introduction to the neoclassical theory of consumer behavior and the neoclassical theory of the firm. Topics covered include supply and demand, utility, theories of cost and production, structure of markets, and resource allocation.

EC 305G INTERNATIONAL ECONOMIC RELATIONS [3]: The general principles of international economics, trade finances, theories, policies, practices, methods, institutions, problems, foreign aid, balance of payments, and the role played by the United States. Theory, policy and practice in the complex economic interdependency of nations. Prerequisites: **EC 211G** and **EC 212G**.

EC 309G MONEY AND BANKING [3]: Money, types of currency, modern banking operations, and the nature and use of credit. Monetary and financial theory applied to business and government. Banking history, development of Federal Reserve System of control. Monetary theories, financial intermediaries, foreign banking systems. Prerequisites: **EC 211G** and **EC 212G**.

EC 315G PERSONAL FINANCIAL MANAGEMENT [3]: Fundamentals of planning for the achievement of personal financial objectives. A study of the wide variety of financial instruments available for managing money. Topics covered include personal financial statements, insurance, social security, investments, tax, retirement and estate planning. May not be repeated for credit under another prefix. Prerequisite: Previous Accounting or Economics courses helpful. Senior status highly recommended.

EC 327G COMPARATIVE ECONOMIC SYSTEMS [3]: An examination of the similarities and differences in economic institutions among ideal types of economic systems: capitalist, centrally-planned socialist, decentralized market socialist, and communist. Case studies of individual countries (such as Japan, Sweden, USSR, China, and Yugoslavia) are undertaken to compare their institutions with those of the ideal types, and with each other. Prerequisites: **EC 211G** and **EC 212G**.

EC 343G ECONOMICS OF SOCIAL ISSUES [3]: Topical issues and problems in American society, such as consumerism, business monopoly, pollution control, the health care crisis, and the welfare problem. Exploration from the economist's viewpoint without the usual emphasis on models, graphics, or statistics.

EDUCATION

(Major: Elementary Education)

(Minor: Secondary Education)

Mary Robsman, Department Coordinator

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The Department of Education offers academic and field experiences which prepare liberal arts students to enter the teaching profession. Graduates of these state-approved Teacher Education Program are eligible for Florida State Teacher Certification.

The Department of Education offers a major in Elementary Education. Students may take additional courses in the area of Primary Education to supplement this major. Students who wish to teach in secondary schools (grades 6-12) must complete a major in the intended teaching area along with the certification or endorsement courses offered by the Department of Education.

As soon as a student decides to seek Certification for teaching, s/he must file an Application for Admission to the Teacher Education Program. Applications are available at the Brevard Campus Office. The Director of Teacher Education will notify the student of action taken and will supply an explanation should the application be denied. A student must be admitted to Teacher Education before enrolling in education courses. Due to state regulations, students who apply for admission must have a combined SAT score of 840 or a combined ACT of 19/23. Also required is a passing score on the College-Level Academic Skills Test (CLAST) and a 2.5 GPA in their major or area of certification.

Program of Study

I. To earn the Bachelor of Arts Degree in Elementary Education, students must meet the standards stated on page 22 and complete the following degree requirements.

A. Major Requirements (52.5 semester credit hours)

At least 7 courses must be completed at Rollins.

At least 8 courses must be 300-400 level.

CORE COURSES

ED 271G School and Society [3]

ED 272G Educational Psychology [3]

ELEMENTARY COURSES

- ED 306G Teaching and Learning in Elementary Schools [3]
- ED 306L Teaching and Learning in Elem. Schools - Lab [1.5]
- ED 324G Curriculum and School Organization **or**
 - ED 358G Strategies for Classroom Management [3]
- ED 409G The Teaching of Reading [3]
- ED 471G Reading Diagnosis with Content Emphasis [1.5]
- ED 471L Field Experience in Reading [1.5]
- EE 317G Music for Elementary Schools [2]
- EE 318G Art for Elementary Schools [2]
- EE 361G Language Arts for Elementary Schools [3]
- EE 362G Mathematics for Elementary Schools [3]
- EE 363G Social Studies for Elementary Schools [3]
- EE 364G Science for Elementary Schools [3]
- EE 367G Health and Physical Education for Elem. Schools [2]
- EE 369G Children's Literature [3]

STUDENT TEACHING

- ED 470G Competencies for the Beginning Teacher [3]
- ED 490G Student Teaching: Elementary [9]

Courses requiring concurrent registration: ED 306G and ED 306L; ED 471G and ED 471L; ED 470G and ED 490G.

- B. General Education Requirements (17 courses)**
Elementary Education majors fulfill the General Education requirements stated on pages 20-21 by taking the courses listed below:

- 1. English (4 courses)**
 - E 101G English Composition & Literature I [3]
 - E 102G English Composition & Literature II [3]
 - Two English courses [6]
- 2. History (2 courses)**
 - H 113G **or** H 114G History of Modern Europe [3]
 - H 242G **or** H 243G History of the United States [3]
- 3. Mathematics (2 courses)**
 - M 102G College Algebra and a more advanced math course [6]
- 4. Humanities (4 courses)**
 - IC 300G Topics in the Liberal Arts [3]

Three Humanities courses [9]

5. Social Sciences (2 courses)

Two Social Science courses [6]

6. Natural Sciences (2 courses with lab)

Two Lab Sciences [10]

7. Speech (1 course)

CM 210G Public Speaking [3]

C. Electives (5 courses)

Electives must be taken outside the major.

II. Students who intend to teach in secondary or middle schools (grades 6-12) must complete a major in their intended teaching area and fulfill Secondary Education Minor requirements.

A. ACADEMIC MAJOR

(Secondary Subjects)

Only English and History are appropriate majors for secondary certification. Students should ask an advisor about other suitable majors.

B. MINOR IN SECONDARY EDUCATION

(8 courses; at least 4 must be 300-400 level)

CORE COURSES

ED 271G School and Society [3]

ED 272G Educational Psychology [3]

ED 324G Curriculum and School Organization **or**

ED 358G Strategies for Classroom Management [3]

SECONDARY COURSES

ED 307G Teaching and Learning in Secondary Schools [3]

ED 307L Teaching and Learning in Secondary Scs. - Lab [1.5]

ED 417G Teaching (Particular Subject) in Secondary Scs. [3]

STUDENT TEACHING

ED 470G Competencies for the Beginning Teacher [3]

ED 491G Student Teaching: Secondary [9]

Courses requiring concurrent registration: ED 307G and ED 307L; ED 470G and ED 491L.

Student Teaching

ED 470G Competencies for the Beginning Teacher [3] and
ED 490G Student Teaching: Elementary [9] or
ED 491G Student Teaching: Secondary [9]

All student teachers must enroll in ED 470G Competencies for the Beginning Teacher [3] with student teaching [9]. A teaching internship experience in the area in which the student is to be certified, is required of both Elementary Education majors and those obtaining secondary school certification. During the spring term of the junior year, students who have cumulative grade point averages of 2.0, as well as a cumulative average of 2.5 in the major, a passing score on the CLAST, and who can show evidence that all subject prerequisites will be met before placement as a student teacher, may apply for admission to student teaching. The application forms are available at the Brevard Campus Office. These forms are filed with and reviewed by the Director of Student Teaching. To insure placement, the Application for Student Teaching must be completed and submitted to the Director of Student Teaching by the following dates:

<i>March 10</i>	<i>For Fall Placement</i>
<i>October 10</i>	<i>For Spring Placement</i>

Any student not approved for student teaching has the right of appeal to a Review Committee.

During the fall or spring term of the senior year, after obtaining approval for student teaching, the student must enroll in either ED 490G Student Teaching--Elementary or ED 491G Student Teaching--Secondary, as appropriate. Either course is worth nine semester credit hours and is graded on a credit/no-credit basis. The student teaching experience consists of placement as a full-time teacher for a fourteen-week period in an area school. It represents the culminating experience in the professional preparation of teachers.

Special Sequence

By taking additional courses in the area of Primary Education, Elementary Education majors may be endorsed in this area as well. Those courses are:

ED 381G Primary Education - Methods and Materials
ED 382G Primary Education - Curriculum

Course of Study

(All Education courses are restricted to students who are majoring or minoring in education. Any exceptions will be noted in class schedules.)

ED 100G CONTEMPORARY ISSUES IN EDUCATION [3]: An introductory course covering current issues in education. Topics include contemporary school organization and finance, problems of teaching, alternative schools, curriculum development, local control of education, and contemporary policy controversies. Prerequisite: Education major or minor.

ED 242G SOCIOLOGY OF EDUCATION [3]: A study of the role of the school with particular emphasis on political and economic dimensions. The internal structure of American education is analyzed using sociological concepts with a stress on conflict and change. Prerequisite: Education major or minor.

ED 271G SCHOOL AND SOCIETY [3]: A study of the social, political, economic, and historical background of the contemporary American school system. This course demonstrates how social forces have shaped the curriculum, organization, and purposes of formal education. Prerequisite: Education major or minor.

ED 272G EDUCATIONAL PSYCHOLOGY [3]: An application of psychological concepts to children and adolescents in school situations. This course covers child development, the processes of learning, evaluation and assessment, and the psychology of teaching. Motivation, perception, personality, intelligence, and learning are central concepts. Prerequisite: Education major or minor.

ED 287G THE DEVELOPING CHILD IN THE ELEMENTARY SCHOOL [3]: A study of the physical, social, cognitive, emotional, and creative development of the child through the elementary school grades. A focus of the course is an examination of language, personality, motivation, and learning styles of the elementary school-age child. Practical applications based upon theory and research are stressed. Prerequisite: Education major or minor.

ED 306G TEACHING AND LEARNING IN ELEMENTARY SCHOOLS [3]: A study of the principles of teaching and learning for elementary school teachers. The course reviews curriculum programs

found in the elementary school. A unit on using the microcomputer is required. Concurrent with **ED 306L**. Prerequisite: Education major.

ED 306L TEACHING AND LEARNING IN ELEMENTARY SCHOOLS - LAB [1.5]: A pre-internship experience which requires a minimum of 40 hours in primary, intermediate, and special education classes at elementary schools. Coursework includes guided observations, working with children, and assisting the teachers. Concurrent with **ED 306G**. Prerequisite: Education major.

ED 307G TEACHING AND LEARNING IN SECONDARY SCHOOLS [3]: A study of the principles of teaching and learning for secondary school teachers. The course reviews curriculum programs found in the secondary school. A unit on using the microcomputer is required. Concurrent with **ED 307L**. Prerequisite: Education minor.

ED 307L TEACHING AND LEARNING IN SECONDARY SCHOOLS - LAB [1.5]: A pre-internship experience which requires a minimum of 40 hours in the secondary schools. Coursework includes guided observations, working with children, and assisting the teachers. Concurrent with **ED 307G**. Prerequisite: Education minor.

ED 315G TEACHING CHILDREN TO THINK [3]: A study of the recent emphasis on developing children's thinking skills--problem solving, decision-making, critical thinking, and creative thinking. The course reviews current literature on cognitive development, various models of the thinking process, and theories of intellectual functioning. It emphasizes the development of teaching strategies, techniques of questioning, and instructional materials, and provides opportunity to evaluate published instructional materials. Prerequisite: Education major or minor.

ED 324G CURRICULUM AND SCHOOL ORGANIZATION [3]: Curriculum planning and school organization for both elementary and secondary schools. Prerequisite: Education major or minor.

ED 358G STRATEGIES FOR CLASSROOM MANAGEMENT [3]: This course emphasizes prevention of potential problems through the management of classroom, children, and curriculum. Techniques to move children from external to internal control are reviewed. The course identifies management problems and matches possible solutions. Prerequisite: Education major or minor.

ED 381G PRIMARY EDUCATION: METHODS & MATERIALS

[3]: A study of the sequence of growth in child development. This course covers strategies for observing, diagnosing, and prescribing appropriately for the needs of the early learner whose cognitive development is enhanced by concrete experiences. Different approaches for working with parents and families of ethnically-diverse groups are also presented. This course, together with ED 382G, leads to primary certification. Prerequisite: Education major.

ED 382G PRIMARY EDUCATION: CURRICULUM [3]: An investigation of the issues, trends, movements, and practices which have influenced the planning of programs to address the needs of the early learner, rather than specific subject areas. The theoretically-based curriculum is examined relative to the emotional, social, physical, cognitive, and creative development of the child. This course, together with ED 381G, leads to Primary endorsement. Prerequisite: Education major.

ED 385G TEACHING CHILDREN WITH SPECIAL NEEDS [3]:

This course examines the characteristics of students with special needs and the special classroom considerations involved in teaching these students. The special populations to be studied include "at risk and high risk" students, including the gifted, the educationally and mentally handicapped, the emotionally and socially maladjusted as well as the physically handicapped. Special emphasis is given in the course to the specific teaching strategies useful to the regular classroom teacher for working with special student populations. Prerequisite: Education major or minor.

ED 409G THE TEACHING OF READING [3]: Teaching beginning reading, word recognition, diagnosis, study skills, and comprehension, with special emphasis on whole language and literature-based instruction. Informal diagnostic techniques are introduced. Prerequisite: Education major.

ED 411G EDUCATIONAL STRATEGIES FOR ENGLISH

SPEAKERS OF OTHER LANGUAGES [3]: Instruction in the methods of teaching English to speakers of other languages (ESOL); ESOL curriculum and materials development; cross cultural communication and understanding of testing and evaluation of ESOL. Recommended for students planning to teach in the state of Florida. Prerequisite: Education major or minor.

ED 417G TEACHING (PARTICULAR SUBJECT) IN

SECONDARY SCHOOLS [3]: A seminar on methods of teaching secondary school subjects. Topics include selection, evaluation, and use of instructional materials; and adaption of the college major to the secondary school setting. Prerequisites: Junior status, education minor.

ED 470G COMPETENCIES FOR THE BEGINNING TEACHER

[3]: An introduction to the competencies found in the six domains of the beginning teacher program. The skills emphasized include planning, classroom management, organization of instruction, presentation of knowledge, communication, and evaluation of student progress. This course provides students an opportunity to practice these skills in teaching situations and to use the observation instruments of FPMS. Concurrent with **ED 490G** or **ED 491G**. Prerequisite: Education major or minor.

ED 471G READING DIAGNOSIS WITH CONTENT EMPHASIS

[1.5]: A study of the diagnosis of reading difficulties and the application of reading skills to the content areas. Students are taught to give and interpret reading tests and determine programs of remediation. Additional emphasis is placed on the unique skills required for reading in the secondary or elementary content areas. Laboratory required. Concurrent with **ED 471L**. Prerequisites: Education major and **ED 409G**.

ED 471L FIELD EXPERIENCE IN READING [1.5]: Concurrent with **ED 471G**.

ED 490G STUDENT TEACHING: ELEMENTARY [9]: A full-term student teaching internship including full-time experience in approved local schools under the direction of a cooperating master teacher. This course provides a practical setting in which the student integrates and applies the skills and knowledge acquired during the previous teacher education courses. This course is graded on a credit/no-credit basis. Prerequisites: Senior status, Education major. Special permission required.

ED 491G STUDENT TEACHING: SECONDARY [9]: See course description for **ED 490G**, with appropriate substitutions for teaching level. Prerequisites: Senior status, Education minor. Special permission required.

EE 317G MUSIC FOR ELEMENTARY SCHOOLS [2]: A workshop covering the basic concepts, literature, and methods for teaching music in the elementary grades. Vocal and instrumental music are included, and the course stresses the use of music to provide creative experiences. Prerequisite: Education major.

EE 318G ART FOR ELEMENTARY SCHOOLS [2]: A study of how art can be used to foster child development and supplement learning in the curricular areas. Related topics include sensory experiences, aesthetics and aesthetic education, the management of a classroom art center, and the adult's role in child art. Participants directly experience an array of artistic media and conduct art activities with children. Prerequisite: Education major.

EE 355G TEACHING FOREIGN LANGUAGES IN THE ELEMENTARY SCHOOL [3]: The principles and methods for teaching foreign language to elementary school children. Prerequisite: Education major.

EE 361G LANGUAGE ARTS FOR ELEMENTARY SCHOOLS [3]: A course based on the whole language concept with process writing as its major focus. Traditional language arts skills are taught as they are incorporated into the process. Prerequisite: Education major.

EE 362G MATHEMATICS FOR ELEMENTARY SCHOOLS [3]: A course utilizing the NCTM standards in teaching elementary mathematics. Major topics include the real number system, informal and formal geometry, basic facts and algorithms, measurement and metrics, and problem solving. Prerequisite: Education major.

EE 363G SOCIAL STUDIES FOR ELEMENTARY SCHOOLS [3]: A review of special methods of teaching social studies in the elementary grades. Topics include the foundations for the social studies, exploring the human experience, environmental studies including conservation, teaching strategies for inquiry learning problem solving and concept development. Prerequisite: Education major.

EE 364G SCIENCE FOR ELEMENTARY SCHOOLS [3]: An examination of the special methods for teaching science to elementary school pupils, stressing the major concepts and processes of science. Topics include process skills, inquiry strategies, problem solving, environmental and ecological issues, and science in a contemporary society. Prerequisite: Education major.

EE 367G HEALTH AND PHYSICAL EDUCATION FOR ELEMENTARY SCHOOLS [2]:

Special methods for physical activities for children, concepts and materials of health education, and a study of the values underlying programs of personal fitness for children. Prerequisite: Education major.

EE 369G CHILDREN'S LITERATURE [3]: An examination of literature appropriate for use in the elementary grades. Topics include the analysis and classification of children's literature; educational benefits of literature in the classroom, recent research in children's literature, major children's authors and illustrators, recurrent themes in children's literature, and techniques for the effective use of literature in the classroom. Prerequisite: Education major.

ENGLISH

(Major, Minor)

Margaret M. Dunn, Department Coordinator

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Studying and responding to literature enables students to understand the triumphs and tribulations of the human condition and the creative endeavors of the human imagination. In addition, the English curriculum teaches students to read, think, and write clearly and analytically--skills which are essential for success in the professions, government, and business. Thus a concentration in English, solely or in combination with various majors, is excellent preparation for those who plan careers in law, business, public and private administration, consulting, and communications-related fields.

To earn the Bachelor of Arts Degree in English, students must meet the standards stated on page 22 and complete the following degree requirements.

Requirements for the Bachelor of Arts Degree in English:

A. Major Requirements (12 courses)

At least 5 courses must be completed at Rollins.

At least 8 courses must be 300-400 level.

E 201/301G British Literature I [3] or E 202/302G British Literature II [3]

E 203/303G American Literature I [3] or E 204/304G American Literature II [3]
E 305G Critical Approaches to Literature [3]
E 310G College Grammar [3]
E 417G Shakespeare [3]
E 430G Professional Research, Writing, and Presentation [3]
One writing course in English [3]
Five electives in English [15]

B. General Education Requirements (15 courses)

English majors fulfill the General Education requirements stated on pages 20-21 by taking the courses listed below:

1. English (2 courses)

E 101G English Composition & Literature I [3]
E 102G English Composition & Literature II [3]

2. History (2 courses)

H 113G or H 114G History of Modern Europe [3]
H 242G or H 243G History of the United States [3]

3. Mathematics (2 courses)

M 102G College Algebra or a more advanced math course [3]
M 109G Precalculus Mathematics or a more advanced math course [3]

4. Humanities (4 courses)

IC 300G Topics in the Liberal Arts [3]
Three Humanities courses [9]

5. Social Sciences (2 courses)

Two Social Science courses [6]

6. Natural Sciences (2 courses with lab)

Two Lab Sciences [10]

7. Speech (1 course)

CM 210G Public Speaking [3]

C. Electives (4-6 courses depending on minor selected)

Electives must be taken outside the major.

D. Required Minor (6-8 courses)

(Requirements for all minors are listed in catalogue.)

Requirements for the Minor in English:

(7 courses; at least 4 courses must be 300-400 level)

E 102G English Composition & Literature II [3]

E 310G College Grammar [3]

E 430G Professional Research, Writing, and Presentation [3]

One course in British or American literature [3]

One writing course in English [3]

Two electives in English [6]

To earn the Associate of Arts Degree in English, students must meet the standards stated on pages 22-23 and complete the following degree requirements.

Requirements for the Associate of Arts Degree in English:

A. Core Requirements (7 courses)

Completion of the English Minor requirements

B. General Education Requirements (9 courses)

E 101G English Composition & Literature I [3]

H 113G or H 114G History of Modern Europe [3]

H 242G or H 243G History of the United States [3]

M 102G College Algebra or a more advanced math course [3]

IC 300G Topics in the Liberal Arts [3]

One Humanities elective [3]

One Social Science elective [3]

One Lab Science [5]

CM 210G Public Speaking [3]

C. Electives (4 courses)

Course of Study

E 101G ENGLISH COMPOSITION & LITERATURE I [3]: This writing course includes practice in the kinds of writing students are expected to do in college, coupled with analysis of and writing about literature. Offered in summer and fall terms. May **not** count toward credit in English major or minor.

E 102G ENGLISH COMPOSITION & LITERATURE II [3]: This writing course includes instruction in writing from sources, coupled with analysis of and writing about literature. May not count toward credit in English major. Offered in spring term. Prerequisite: **E 101G**.

E 201G BRITISH LITERATURE I [3]: This period course focuses on writers of the Medieval and/or Renaissance periods in Great Britain. Cross-listed as E 301G. Offered in fall term. Prerequisites: **E 101G** and **E 102G**.

E 202G BRITISH LITERATURE II [3]: This period course focuses on writers of the 18th and/or 19th centuries in Great Britain. Cross-listed as E 302G. Offered in spring term. Prerequisites: **E 101G** and **E 102G**.

E 203G AMERICAN LITERATURE I [3]: This period course focuses on pre-20th century American writers. Cross-listed as E 303G. Offered in spring term. Prerequisites: **E 101G** and **E 102G**.

E 204G AMERICAN LITERATURE II [3]: This period course focuses on 20th century American writers. Cross-listed as E 304G. Offered in fall term. Prerequisites: **E 101G** and **E 102G**.

E 300G REVIEW OF ENGLISH GRAMMAR, USAGE, AND PUNCTUATION [1]: With faculty direction, students complete a programmed course of independent study that reviews all aspects of English grammar and mechanics. Credit/no credit only. Offered in fall, spring, and summer terms.

E 301G BRITISH LITERATURE I [3]: This period course focuses on writers of the Medieval and/or Renaissance periods in Great Britain. Cross-listed as E 201G. Offered in fall term. Prerequisites: **E 101G** and **E 102G**.

E 302G BRITISH LITERATURE II [3]: This period course focuses on writers of the 18th and/or 19th centuries in Great Britain. Cross-listed as E 202G. Offered in spring term. Prerequisites: **E 101G** and **E 102G**.

E 303G AMERICAN LITERATURE I [3]: This period course focuses on pre-20th century American writers. Cross-listed as E 203G. Offered in spring term. Prerequisites: **E 101G** and **E 102G**.

E 304G AMERICAN LITERATURE II [3]: This period course focuses on 20th century American writers. Cross-listed as E 204G. Offered in fall term. Prerequisites: **E 101G** and **E 102G**.

E 305G CRITICAL APPROACHES TO LITERATURE [3]: In this theory course, students study and apply various literary terms and critical approaches. Offered in fall term. Prerequisites: **E 101G** and **E 102G**.

E 306G SELECTED STUDIES IN WORLD LITERATURE [3]: The focus in this course may be on forms, traditions, themes, periods, cultural movements, and/or genres of literatures other than British and American. Specific topics vary. May be repeated for credit. Prerequisites: **E 101G** and **E 102G**.

E 307G SELECTED STUDIES IN AMERICAN LITERATURE [3]: The focus in this course may be on forms, traditions, themes, periods, cultural movements, and/or genres of American literature. Specific topics vary. May be repeated for credit. Prerequisites: **E 101G** and **E 102G**.

E 308G SELECTED STUDIES IN BRITISH LITERATURE [3]: The focus in this course may be on forms, traditions, themes, periods, cultural movements, and/or genres of British literature. Specific topics vary. May be repeated for credit. Prerequisites: **E 101G** and **E 102G**.

E 310G COLLEGE GRAMMAR [3]: This language course focuses on the rules and conventions of modern English, drawing on insights gained from traditional, structural, and transformational grammar. **Not remedial.** Offered in fall and spring terms. Prerequisites: **E 101G** and **E 102G**.

E 326G REGIONAL AMERICAN WRITERS [3]: This theme course, focusing on writers from a specific region (e.g., the Great Southwest, Florida, New England), may include novelists, short story writers, dramatists, poets, essayists, and/or critics. Specific topics vary. May be repeated for credit. Prerequisites: **E 101G** and **E 102G**.

E 367G CREATIVE WRITING [3]: This writing course stresses individual self-expression within a framework that includes assigned reading and specific writing projects. Prerequisites: **E 101G** and **E 102G**.

E 377G JOURNALISM [3]: This writing course includes practice in journalistic writing and editing and may include practical experience in layout and design of in-house publications. Prerequisites: **E 101G** and **E 102G**.

E 390G EXPOSITORY WRITING [3]: This writing course provides guidance and practice in the effective writing of prose. Specific topics vary. May be repeated for credit. Offered in fall and spring terms. Prerequisites: **E 101G** and **E 102G**.

E 395G INDEPENDENT STUDY [3]: Special permission required. (For additional information regarding independent studies, see page 9 of catalogue.)

E 399G INTERNSHIP [3]: Special permission required. (For additional information regarding internships, see pages 8-9 of catalogue.)

E 410G WOMEN WRITERS [3]: This theme course, focusing exclusively on women writers and their work, may include drama, poetry, short fiction, novels, auto/biography, and/or essays. Specific topics vary. May be repeated for credit. Prerequisites: **E 101G** and **E 102G**.

E 417G SHAKESPEARE [3]: This author course focuses on a selection of works by Shakespeare, especially the major plays (comedies, tragedies, histories). Offered in spring term. Prerequisites: **E 101G** and **E 102G**.

E 420G LITERATURE AND OTHER ARTS [3]: This genre course focuses on the intersection of literature and one other art form such as film, painting, or opera. Specific topics vary. May be repeated for credit. Prerequisites: **E 101G** and **E 102G**.

E 430G PROFESSIONAL RESEARCH, WRITING, AND PRESENTATION [3]: In this course the discipline-specific needs of students regarding research, writing, documentation, and oral presentation are solicited and addressed. Offered in fall and spring terms. Prerequisites: **E 101G** and **E 102G**.

E 440G SELECTED STUDIES IN LITERARY THEMES [3]: This theme course may focus on a specific literary genre or historical period, a national literature, and/or a literary tradition. Specific topics vary. May be repeated for credit. Prerequisites: **E 101G** and **E 102G**.

E 441G SCIENCE FICTION [3]: This genre course focuses on science fiction as a literary form. Prerequisites: **E 101G** and **E 102G**.

E 450G GENRE STUDY [3]: Topics for this course vary. May be repeated for credit. Prerequisites: **E 101G** and **E 102G**.

E 460G SPECIAL TOPIC [3]: Topics for this course vary. May be repeated for credit. Prerequisites: **E 101G** and **E 102G**.

E 495G INDEPENDENT STUDY [3]: Special permission required. (For additional information regarding independent studies, see page 9 of catalogue.)

Schedule of Course Offerings in English

Fall Term

E 101G English Comp. & Lit. I
E 201/301G British Lit. I
E 204/304G American Lit. II
E 305G Critical Approaches
E 310G College Grammar
E 390 Expository Writing
E 430G Prof. Res., Wrtnng., & Pres.

Spring Term

E 102G English Comp. & Lit. II
E 202/302G British Lit. II
E 203/303G American Lit. I
E 310G College Grammar
E 390G Expository Writing
E 417G Shakespeare
E 430G Prof. Res., Wrtnng., & Pres.

English courses listed in catalogue will be offered at least once in a two-year cycle.

GEOGRAPHY

GG 321G, GG 322G GEOGRAPHY AND WORLD AFFAIRS [3]
[3]: World political and economic patterns, with emphasis on the respective roles of the industrial, developing, and "third" worlds. GG 321G focuses on industrial and developing regions. GG 322G continues the emphasis on developing nations and includes perspectives on "third world" areas. Satisfies certification for Social Studies teachers.

GG 382G CONSERVATION OF NATURAL RESOURCES [3]:
Natural and human resources; practices of utilization of these resources. Satisfies resource certification for Social Studies teachers.

GEOLOGY

G/ES 130G THE GEOSPHERE (includes lab) [5]: An introduction to earth science which includes geology, oceanography, and meteorology.

G 150G PHYSICAL GEOLOGY (includes lab) [5]: An introduction to minerals and rocks--their formation, distribution and alteration--as well as the formation of natural landscapes. The course focuses on the theory of plate tectonics. The laboratory emphasizes the properties and identification of selected important minerals and rocks, and the interpretation of both topographic and structure maps. Field trips focus on the geological processes and earth products of Central Florida.

G 160G OCEANOGRAPHY (includes lab) [5]: A study of oceanography with special emphasis on seawater composition and circulation, marine geology, marine biology and economic resources. Includes a history of ocean studies, present development, and the future potentials of the oceans.

G 170G GEOLOGY OF FLORIDA (includes lab) [5]: The physical and historical geology of Florida including related Southeastern geology: land forms, structures, common fossils, and mineral deposits. Lab includes rocks and fossil studies.

G 180G MARINE POLLUTION (includes lab) [5]: The effects of pollution on estuaries, lagoons, tidal marshes and ecosystems. Major causes of pollution include oil spills, pesticides, and sewage treatment processes, tidelands real estate development, dredging, and coastal zone mining and drilling. Specific case studies of problem areas in the State of Florida. Field trip and laboratory.

HISTORY

(Major, Minor)

Edward J. Harrell, Department Coordinator

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The discipline of History is dedicated to the understanding and imaginative reconstruction of past human activities, institutions, ideas,

and aspirations in light of current knowledge, concerns, and hopes for the future. A knowledge of history is desirable for both its intrinsic worth and its illumination of the present problems and future prospects of particular societies and humankind in general. By its methodology and values, History belongs to both the Humanities and the Social Sciences.

By illuminating our past, the study of history provides us with a sense of continuity and moral purpose. When we come to understand that those of the past have prepared the way for our present, we begin to appreciate the responsibility we have for the generations of the future.

To earn the Bachelor of Arts Degree in History, students must meet the standards stated on page 22 and complete the following degree requirements.

Requirements for the Bachelor of Arts Degree in History:

A. Major Requirements (12 courses)

At least 5 courses must be completed at Rollins.

At least 6 courses must be 300-400 level.

H 113G History of Modern Europe [3]*

H 114G History of Modern Europe [3]*

H 242G History of the United States [3]*

H 243G History of the United States [3]*

Eight History courses [24]

*History majors must complete H 113G, H 114G, H 242G and H 243G or demonstrate a sufficiently strong grasp of modern European and American History to warrant the Department Coordinator's waiver of these requirements.

B. General Education Requirements (15 courses)

History majors fulfill the General Education requirements stated on pages 20-21 by taking the courses listed below:

1. English (4 courses)

E 101G English Composition & Literature I [3]

E 102G English Composition & Literature II [3]

Two English courses [6]

2. Mathematics (2 courses)

M 102G College Algebra or a more advanced math course [3]

M 109G Precalculus Mathematics or a more advanced math course [3]

3. Humanities (4 courses)

IC 300G Topics in the Liberal Arts [3]

Three Humanities courses [9]

4. Social Sciences (2 courses)

Two Social Science courses [6]

5. Natural Sciences (2 courses with lab)

Two Lab Sciences [10]

6. Speech (1 course)

CM 210G Public Speaking [3]

B. Electives (4-6 courses depending on minor selected)

Electives must be taken outside the major.

C. Required Minor (6-8 courses)

(Requirements for all minors are listed in catalogue.)

Requirements for the Minor in History:

(8 courses; at least 4 courses must be 300-400 level)

H 113G History of Modern Europe [3]

H 114G History of Modern Europe [3]

H 242G History of the United States [3]

H 243G History of the United States [3]

Four History courses [12]

To earn the Associate of Arts Degree in History, students must meet the standards stated on pages 22-23 and complete the following degree requirements.

Requirements for the Associate of Arts Degree in History:

A. Core Requirements (8 courses)

Completion of the History Minor requirements

B. General Education Requirements (9 courses)

E 101G English Composition & Literature I [3]

E 102G English Composition & Literature II [3]

M 102G College Algebra or a more advanced math course [3]
IC 300G Topics in the Liberal Arts [3]
One Humanities elective [3]
Two Social Science electives [6]
One Lab Science [5]
CM 210G Public Speaking [3]

C. Electives (3 courses)

Course of Study

H 113G, H 114G HISTORY OF MODERN EUROPE [3] [3]: An introduction to the political, intellectual, social, economic, and religious history of Europe from the Renaissance to the present. H 113G covers 1500-1815; H 114G covers 1815-present.

H 242G, H 243G HISTORY OF THE UNITED STATES [3] [3]: A survey of the major political, social, and economic themes from colonization to the present. H 242G covers 1600-1877; H 243G covers 1877-present.

H 333G THE EARLY REPUBLIC [3]: Among the major themes of the period from the 1780s to the 1840s, special attention is given to the memory of the American Revolution, the impact of the French Revolution, the origin and development of political parties, ethnocultural politics, and economic expansion with its attendant social ferment. Prerequisite: **H 242G** or consent.

H 334G CIVIL WAR AND RECONSTRUCTION [3]: An in-depth examination of the period 1846-1877: the slavery-extension controversy, changes in the second party system, the crisis of 1857-61, Lincoln as emancipationist-racist, federalism and the problem of restoring the Union, constitutional protection of freedmen's rights, and the "tragedy" of Reconstruction. Prerequisite: **H 242G** or consent.

H 335G THE RISE TO POWER, 1877-1920 [3]: An examination of the emergence of industrial and urbanized America between the Reconstruction era and 1920. Addresses such topics as the rise of business organizations, organized labor, populism, the emergence of the U.S. as a world power, World War I, and the Progressive era. Prerequisite: **H 243G** or consent.

H 341G ERA OF THE AMERICAN REVOLUTION [3]: An examination of the major social, political, and economic developments in the colonial revolutionary period. The nature of colonial society, the place of the colonies in the British mercantile system, and the origins of American political culture are analyzed, followed by a study of the causes and consequences of the Revolution. The U.S. Constitution is examined as the culmination of the revolutionary era. Prerequisite: **H 242G** or consent.

H 345G AMERICA IN PROSPERITY, DEPRESSION, AND WAR, 1920-1945 [3]: A detailed study of the 1920s and 1930s, focusing on the culture of the twenties, the economic crisis and subsequent New Deal, foreign policy issues and American participation in the Second World War. Prerequisite: **H 243G** or consent.

H 346G AMERICA SINCE 1945 [3]: This study in recent American history examines presidential administrations from Truman to the present, focusing on major issues in domestic and foreign policy. Key among these include the United States and the Cold War era, the emergence and impact of the civil rights movement, and the economic and social implications of the transition to post-industrialism. Prerequisite: **H 243G** or consent.

H 354G HISTORY OF IMPERIAL RUSSIA [3]: A survey of the political, social, economic, and intellectual forces which shaped the development of Russia to the outbreak of World War I.

H 355G HISTORY OF SOVIET AND POST-SOVIET RUSSIA, 1917 - TO THE PRESENT [3]: A study of the Soviet Union emphasizing the Revolutions of 1917; the stabilization of the Soviet regime and the rise of Stalinism; industrial modernization and its impact; the expansion of Soviet power; and the decline and fall of the Soviet Union.

H 360G WOMEN IN AMERICAN HISTORY [3]: A survey of major trends in feminist theory and women's history from the colonial period to the late twentieth century. Special emphasis focuses on the experiences of "ordinary" women, the effects of industrialization on women's lives, and cultural attitudes towards women.

H 362G HISTORY OF AMERICAN FOREIGN POLICY [3]: An exploration and analysis of the patterns and themes in the development

of American foreign policy from the early period to the present, with emphasis on twentieth-century American foreign policy.

H 365G TOPICS IN HISTORY [3]: Selected studies in American and European history. Topics are generally narrow in scope, allowing students to investigate a particular problem in some depth. May be repeated for credit.

H 381G THE AGE OF NATIONALISM [3]: A topical survey of Europe from the French Revolution to the First World War. Primary emphasis is upon the development of nationalism and its relationship to liberalism, romanticism, industrialism, and imperialism. Prerequisite: **H 114G** or consent.

H 382G WORLD WAR II [3]: The Second World War is examined from the perspective of 50 years, including the nature and goals of Hitler's war aims, the military aspects of the major theaters of operation, and the tensions arising within the Grand Alliance as forerunner of the Cold War. The resistance movements and the scientific and secret intelligence operations of the war are also reviewed. Formerly H 332G; may not be repeated for credit.

H 383G EUROPE SINCE 1945--DECLINE AND RENEWAL [3]: This course reviews the major political, social, and cultural trends experienced in western and eastern Europe since World War II. Included also is the impact on the world of the end of European colonialism, the evolution of the EC, and perspectives on Europe's international role in the post-Cold War era. Formerly H 340G; may not be repeated for credit.

H 395G INDEPENDENT STUDY [3]: Special permission required. (For additional information regarding independent studies, see page 9 of catalogue.)

H 399G INTERNSHIP [3]: Special permission required. (For additional information regarding internships, see pages 8-9 of catalogue.)

H 462G MODERN GERMANY--ITS HISTORY AND CULTURE [3]: A study of the political, social, and cultural trends in Germany since Bismarck, with special emphasis on the Wilhelmine era, the Third Reich, and conditions in the two Germanies from 1945 to reunification. Prerequisites: **H 114G** or consent.

H 463G HITLER AND NAZI GERMANY [3]: Through lectures, readings, and video presentations, this course explores the life, career, and “meaning” of Hitler. Special emphasis is given to aspects of Nazi philosophy, Hitler’s foreign policy and goals, and his role in World War II.

H 480G SELECTED STUDIES IN HISTORY [3]: Advanced studies in history to be determined in consultation with the instructor.

Prerequisite: History majors; junior, senior status: a 3.33 cumulative average or better; and consent of the instructor and Department Coordinator. May be repeated for credit.

HUMANITIES

(Major, Minor)

Margaret M. Dunn, Department Coordinator

(407) 632-9575

(904) 738-2678

The humanities provide insight into the complexity of human endeavor and achievement in the arts, literature, and philosophy. While obtaining a broad vision of the history and culture of human civilization, students also develop critical and analytical skills that enhance their personal and professional life.

To earn the Bachelor of Arts Degree in Humanities, students must meet the standards stated on page 22 and complete the following degree requirements.

Requirements for the Bachelor of Arts Degree in Humanities:

A. Major Requirements (12 courses)

At least 5 courses must be completed at Rollins.

At least 8 courses must be 300-400 level.

IC 300G Topics in the Liberal Arts [3]

Three of the following four Humanities Core courses:

HUM 310G The Ancient World [3]

HUM 320G Middle Ages, Renaissance, and Reformation [3]

HUM 330G Foundations of the Modern World [3]

HUM 340G The Modern Era [3]

Eight Elective courses selected from the following areas:

The remaining Humanities Core course [3]

IC 300G Topics in the Liberal Arts [3] (Humanities majors may repeat IC 300G once or twice for elective credit, if course topics are clearly different.)

One or Two courses: History/Study of the Expressive Arts [3-6]

One or Two courses: Literature [3-6]

One or Two courses: Philosophy [3-6]

One or Two courses: History [3-6]

One course: Interdisciplinary Studies [3] (consent of Coordinator required)

B. General Education Requirements (13 courses)

Humanities majors fulfill the General Education requirements stated on pages 20-21 by taking the courses listed below:

1. English (4 courses)

E 101G English Composition & Literature I [3]

E 102G English Composition & Literature II [3]

Two English courses [6]

2. History (2 courses)

H 113G or H 114G History of Modern Europe [3]

H 242G or H 243G History of the United States [3]

3. Mathematics (2 courses)

M 102G College Algebra or a more advanced math course [3]

M 109G Precalculus Mathematics or a more advanced math course [3]

4. Social Sciences (2 courses)

Two Social Science courses [6]

5. Natural Sciences (2 courses with lab)

Two Lab Sciences [10]

6. Speech (1 course)

CM 210G Public Speaking [3]

C. Electives (6-8 courses depending on minor selected)

D. Required Minor (6-8 courses)

(Requirements for all minors are listed in catalogue.)

Requirements for the Minor in Humanities:

(7 courses; at least 4 courses must be 300-400 level)

IC 300G Topics in the Liberal Arts [3]

Three of the following four Humanities Core courses:

HUM 310G The Ancient World [3]

HUM 320G Middle Ages, Renaissance, and Reformation [3]

HUM 330G Foundations of the Modern World [3]

HUM 340G The Modern Era [3]

Three Elective courses selected from the following areas:

The remaining Humanities Core course [3]

IC 300G Topics in the Liberal Arts [3] (Humanities majors may repeat IC 300G once for elective credit, if course topics are clearly different.)

One course in History/Study of the Expressive Arts [3]

One course in Literature [3]

One course in Philosophy [3]

One course in History [3]

One IC course [3] (consent of Coordinator required)

To earn the Associate of Arts Degree in Humanities, students must meet the standards stated on pages 22-23 and complete the following degree requirements.

Requirements for the Associate of Arts Degree in Humanities:

A. Core Requirements (8 courses)

Completion of the Humanities Minor requirements

B. General Education Requirements (8 courses)

E 101G English Composition & Literature I [3]

E 102G English Composition & Literature II [3]

H 113G or H 114G History of Modern Europe [3]

H 242G or H 243G History of the United States [3]

M 102G College Algebra or more advanced math course [3]

One Social Science course [3]

One Lab Science [5]

CM 210G Public Speaking [3]

C. Electives (4 courses)

Course of Study

HUM 307G FOREIGN FILM CLASSICS [3]: For the film devotee whose familiarity with foreign film is limited, this course provides a sample of the provocative style, power, and imagery inherent in quality films from countries around the world. The films selected provide cinematic experiences which portray enduring universal themes "refracted," however, through particular cultural "lenses."

HUM 308G INTERNATIONAL FILM STUDIES [3]: Using a diverse selection of films from around the world and America, this course explores how the cinematic medium enhances multicultural understanding. Through readings, lectures, and discussion, emphasis is also placed on the historical, economic, and aesthetic dimensions of film.

HUM 310G THE ANCIENT WORLD [3]: A study of the art, architecture, philosophy, and literature of the ancient civilizations that continue to influence western thought and artistic expression. This course focuses on the Greek world, how it differed and developed from those of Mesopotamia and Egypt, and how it was transformed in Rome.

HUM 320G MIDDLE AGES, RENAISSANCE, AND REFORMATION [3]: A study of the western arts, literature, and philosophy from the Christian culture of the middle ages through the rise of humanism in Renaissance Italy and the Protestant Reformation.

HUM 330G FOUNDATIONS OF THE MODERN WORLD [3]: An exploration of the impact of classicism and romanticism on the arts, literature, and philosophy of western civilization during the period from 1650 to 1850.

HUM 340G THE MODERN ERA [3]: A survey of major trends in the arts, literature, and philosophy of western civilization from the late nineteenth century to the present. Topics include realism, impressionism, surrealism, existentialism, modernism, and post-modernism.

HUM 390G/490G TOPICS IN HUMANITIES [3]: Topics vary. Course may be repeated for credit under a different topic.

HUM 395G/495G INDEPENDENT STUDY [3]: Special permission required. (For additional information regarding independent studies, see page 9 of catalogue.)

HUM 399G INTERNSHIP [3]: Special permission required. (For additional information regarding internships, see pages 8-9 of catalogue.)

INTERDISCIPLINARY STUDIES

IC 300G TOPICS IN THE LIBERAL ARTS [3]: This course focuses on a topic in the liberal arts and explores this topic through at least two disciplines. In addition to gaining an appreciation for the liberal arts, students learn how the liberal arts convey a deeper understanding of human thought and experience. Required for all students entering fall 1988 or thereafter. No transfer credit may be used to satisfy this requirement. Formerly HUM 100G and IC 100G, IC 300G may be repeated under a different topic with consent.

IC 310G INTERCULTURAL SKILLS [3]: A survey of skills that facilitate intercultural interactions either abroad or in a culturally diverse workplace. Students explore the basic values and assumptions of U.S. culture and learn how cultures affect behavior and interpersonal communication. In addition to reading fundamental texts on intercultural communication, students analyze case studies and participate in simulation exercises and role-play. May be used in Social Science or Humanities fields of concentration.

IC 330G CURRENT EVENTS: AMERICAN AND INTERNATIONAL [3]: Analysis and examination of world affairs. Format and methodology include lectures, individual and group presentations, and weekly assignments in journals of opinion. May be used in Social Science or Humanities fields of concentration.

IC 335G THE HOLOCAUST [3]: This course traces the history of antisemitism from antiquity to the Nazi "Final Solution" during the Second World War. The technocracy of the "killing industry" is examined in detail together with the literature of human hope and survival which emerged from the ghetto and concentration camp experience. Historiographical perspectives and debates regarding the Holocaust "in history" are also studied and discussed. May be used in Social Science or Humanities fields of concentration.

IC 340G GREAT TRIALS OF THE CENTURY [3]: A study of the cases that made headlines and influenced our lives in the 20th century--including the Lindberg, Rosenberg, Leopold-Loeb, Chicago Seven,

Sacco-Vanzetti, and Lee Harvey Oswald cases. May be used in Social Science or Humanities fields of concentration.

IC 345G THE PACIFIC CENTURY--THE EMERGENCE OF MODERN ASIA, THE UNITED STATES, AND THE PACIFIC BASIN [3]: This course reviews the political and economic development of the past 150 years of the Pacific Basin region within a geographic, cultural, and historical context. Through texts and video presentations, the modern history, economics, and culture of this region is explored. May be used in Social Science or Humanities fields of concentration.

IC 390G/490G TOPICS [3]: Topics vary. May be repeated for credit under a different topic.

MATHEMATICS

(Minor)

Requirements for the Minor in Mathematics:

M 111G Calculus I [5]

M 112G Calculus II [5]

M 211G Calculus III [3]

M 219G Probability & Statistics [3]

Two of the following courses:

M 212G Ordinary Differential Equations [3]

M 321G Linear Algebra [3]

M 322G Discrete Structures [3]

Course of Study

M 101G INTRODUCTION TO COLLEGE ALGEBRA [3]: Sets and subsets; structure of the real number system; axioms of a field; operations of polynomials and rational expressions; solution of sets of linear equations, quadratic equations; relations, functions and graphs, and worded problems. This course does not apply towards fulfilling the math requirement. It can be used as an elective.

M 102G COLLEGE ALGEBRA [3]: Presents certain topics in algebra for later study of analytic geometry. Includes theory of functions,

polynomials, the binomial theorem, logarithms, and logarithmic and exponential functions.

M 109G PRECALCULUS MATHEMATICS [3]: A study of the concept of function, including the behavior and properties of elementary functions, i.e., polynomial, rational, exponential, logarithmic and inverse functions. This course includes curve sketching, introduction to trigonometry, systems of linear equations, and introduction to matrices and determinants. The course requires some review of algebra, but no use of calculus. Designed to prepare students for M 110G. Prerequisite: **M 102G** or equivalent.

M 110G APPLIED CALCULUS [3]: A study of the concept of the derivative and its application to economics, business, and the life sciences. Studies include partial differentiation with applications. Prerequisites: **M 109G** or two years of high school algebra and one year of geometry. Not open to students with credit in M 111G.

M 111G CALCULUS I [5]: A study of limits and continuity. Topics include the concept of the derivative, derivatives of elementary functions, applications of derivatives, the definite integral, anti-derivatives, the Fundamental Theorem of Calculus, the method of substitution and the applications of integrals. Prerequisite: Two years of high school algebra, one year of geometry, and some trigonometry. Prior knowledge of calculus is not assumed.

M 112G CALCULUS II [5]: Continuation of M 111G. Further applications of the integral including distance and arc length are studied. Topics include integration by parts and partial fractions; the use of tables of integrals; inverse functions; the log and exponential functions; growth and decay problems; sequences, infinite series, and power series; and polar coordinates. Prerequisite: **M 111G**.

M 205G DISCRETE MATHEMATICS [3]: Symbolic logic, elementary set theory, relations, functions, methods of proof and problem solving, and mathematical induction. Prerequisite: **M 102G**.

M 211G CALCULUS III [3]: Continuation of M 112G. Topics include vectors, directional derivatives and the gradient; functions of several variables, partial derivatives and their applications; multiple integrals; and other coordinate systems. Prerequisite: **M 112G**.

M 212G ORDINARY DIFFERENTIAL EQUATIONS [3]: A study of first order equations and the theory of linear differential equations. Topics include series solutions, systems of linear differential equations, and an introduction to boundary value problems and eigenvalues. Prerequisites: **M 211G** or **M 112G** and consent.

M 219G PROBABILITY AND STATISTICS [3]: A study of sample spaces, conditional probability, random variables, expectations and distributions, moment generating functions, central limit theorem, and introduction to estimation, confidence intervals, and hypothesis testing. Prerequisite: **M 102G**.

M 319G PROBABILITY [3]: A study of probability and expectation by conditioning; discrete and continuous Markov chains and decision processes; Poisson processes; and an introduction to renewal, queuing, reliability theory, and stationary processes. Prerequisite: **M 219G**.

M 321G LINEAR ALGEBRA [3]: Matrix algebra, vector spaces, linear transformations and matrix representations, similar matrices, the relation between linear mappings and systems of linear equations, inner product and norms, determinants, eigenvalues, the Cayley-Hamilton Theorem. Includes applications. Prerequisite: **M 102G**.

M 322G DISCRETE STRUCTURES [3]: A course in abstract algebra intended for both mathematics majors and those interested in computer science. Topics include groups, rings, fields, Boolean algebras, graphs and trees. Some applications are discussed. Prerequisite: **M 205G**.

M 340G NUMERICAL ANALYSIS [3]: Numerical techniques in interpolation, integration, algebraic and differential equations, matrix inversion and curve fitting. Prerequisite: **M 111G** and **M112G** as co-requisite.

ORGANIZATIONAL BEHAVIOR

(Major, Minor)

Sandra McIntire, Department Coordinator

(407) 632-9575

Organizational behavior involves the application of psychology to the work environment. Drawing upon psychology, sociology, and other

social sciences, organizational behavior addresses areas such as leadership, group dynamics, personnel selection, worker motivation, and training. The Organizational Behavior program is designed for people with career interest in human resources, organizational development, consulting, training, and related areas.

To earn the Bachelor of Arts Degree in Organizational Behavior, students must meet the standards stated on page 22 and complete the following degree requirements.

Requirements for the Bachelor of Arts Degree in Organizational Behavior:

A. Major Requirements (12 courses)

At least 5 courses must be completed at Rollins.

At least 8 courses must be 300-400 level.

PY 201G General Psychology [3]

PY 302G Social Psychology [3]

PY 304G Statistics for the Behavioral Sciences [3]

PY 330G Introduction to Organizational Behavior [3] or

BA 482G Organizational Behavior [3]

PY 373G Industrial Psychology [3]

PY 406G Tests and Measurements [3]

PY 407G Organization Development [3]

BA 339G Management Organizational Theory [3]

Four Psychology electives [12]

B. General Education Requirements (13 courses)

Organizational Behavior majors fulfill the General Education requirements stated on pages 20-21 by taking the courses listed below:

1. English (4 courses)

E 101G English Composition & Literature I [3]

E 102G English Composition & Literature II [3]

Two English courses [6]

2. History (2 courses)

H 113G or H 114G History of Modern Europe [3]

H 242G or H 243G History of the United States [3]

3. Mathematics (2 courses)

M 102G College Algebra or a more advanced math course [3]

M 109G Precalculus Mathematics or a more advanced math course [3]

4. Humanities (2 courses)

IC 300G Topics in the Liberal Arts [3]

PH 307G Business Ethics [3]

5. Natural Sciences (2 courses with lab)

Two Lab Sciences [10]

6. Speech (1 course)

CM 210G Public Speaking [3]

C. Electives (6-8 courses depending on minor selected)

Electives must be taken outside the major.

D. Required Minor (6-8 courses)

Students majoring in Organizational Behavior may not minor in Psychology.

(Requirements for all minors are listed in catalogue.)

Requirements for the Minor in Organizational Behavior:

(8 courses; at least 4 courses must be 300-400 level)

PY 201G General Psychology [3]

PY 304G Statistics for the Behavioral Sciences [3]

PY 330G Introduction to Organizational Behavior [3] **or**

BA 482G Organizational Behavior [3]

PY 373G Industrial Psychology [3]

PY 406G Tests and Measurements [3]

PY 407G Organization Development [3]

Two Psychology electives [6]

To earn the Associate of Arts Degree in Organizational Behavior, students must meet the standards stated on page 22-23 and complete the following degree requirements.

Requirements for the Associate of Arts Degree in Organizational Behavior:

A. Core Requirements (8 courses)

Completion of the Organizational Behavior Minor requirements

B. General Education Requirements (9 courses)

- E 101G English Composition & Literature I [3]
- E 102G English Composition & Literature II [3]
- H 113G or H 114G History of Modern Europe [3]
- H 242G or H 243G History of the United States [3]
- M 102G College Algebra or a more advanced math course [3]
- IC 300G Topics in the Liberal Arts [3]
- PH 307G Business Ethics [3]
- One Lab Science [5]
- CM 210G Public Speaking [3]

C. Electives (3 courses)

ORGANIZATIONAL COMMUNICATION

(Minor)

Organizational communication is the study of the exchange and interpretation of information between and within organizations. Communication is important to both organizations and to the people in them because human communication fuels the organization and because an individual's ability to succeed in the workplace is determined largely by communication skills. The Organizational Communication program draws from the disciplines of communication, business administration, organizational behavior, and psychology and is designed to educate and prepare students to communicate better in the corporate environment.

Requirements for the Minor in Organizational Communication:

(7 courses; at least 4 courses must be 300-400 level)

- CM 310G Communication Theory [3]
- CM 315G Argumentation and Debate [3]
- CM 320G Interpersonal Communication [3]
- CM 323G Small Group Communication [3]
- CM 330G Mass Communication [3]
- CM 421G Organizational Communication [3]

One of the following courses:

- BA 337G Marketing Management [3]
- BA 339G Management Organization Theory [3]
- BA 342G Human Resource Management [3]

CM 300G Interviewing: Types and Practices [3]
CM 306G Intercultural Communication [3]
CM 325G Communication Campaigns [3]
CM 350G Communication Presentations [3]

Course of Study

CM 210G PUBLIC SPEAKING [3]: The study of the research, organization, writing, delivery, and critical analysis of selected forms of public address. Students present a series of public speeches with special emphasis upon speeches to inform, to persuade, and to evoke.

CM 300G INTERVIEWING: TYPES AND PRACTICES [3]: The study of interviewing as a procedure applied in various ways by professionals in work situations. Dyadic encounters emphasize the structure and process of different types of interviewing methods.

CM 306G INTERCULTURAL COMMUNICATION [3]: The examination of the relationship between communication and culture. The course studies the dimensions of intercultural communication as it applies to intercommunity, ethnic, and foreign groups.

CM 310G COMMUNICATION THEORY [3]: A study of the process by which senders and receivers of messages interact in given social contexts, with focus on a core of specific theories which derive from varying perspectives on the communication process.

CM 315G ARGUMENTATION AND DEBATE [3]: This course focuses upon the construction, documentation, organization, and delivery of persuasive messages. Topics include the development of sound arguments based on reasoning and evidence, recognition and refutation of fallacious arguments, cross-examination of opposing speakers, and the preparation of both constructive and rebuttal speeches. Oral activities include formal debates. Prerequisite: a public speaking course or consent.

CM 320G INTERPERSONAL COMMUNICATION [3]: The study of one-to-one communication as it affects the individual's interaction with other people and groups. Emphasized topics include the nature of communication, perception, verbal messages, nonverbal communication, listening, and interpersonal conflict.

CM 323G SMALL GROUP COMMUNICATION [3]: This course focuses upon the theory and practice of small group communication. Topics include group composition, group structure, group process, group development, and leadership in organizational settings. Emphasis is given to the observation of group interaction and group dynamics, group conflict, and group decision-making. Students participate in problem-solving discussions as leaders and/or participants. Prerequisite: **CM 310G** or consent.

CM 325G COMMUNICATION CAMPAIGNS [3]: Communication campaigns are focused, large-scale efforts to exert social influence. This course deals with the planning, organizing, implementation, and evaluation of various educational, political, religious, and commercial campaigns. Students analyze both classic and current communication campaigns.

CM 330G MASS COMMUNICATION [3]: The study of communication in modern life with particular emphasis on print media, broadcasting, advertising, and public relations. This course analyzes the major theoretical approaches, social effects, and creative abilities of this unique form of communication.

CM 421G ORGANIZATIONAL COMMUNICATION [3]: The study of the role and importance of communication in organizations such as corporations, non-profit institutions, government agencies, and other structures in which people work. The focus of the course is rooted in an analysis of the theories of organizational communication with applications to contemporary situations.

CM 490G TOPICS IN ORGANIZATIONAL COMMUNICATION [3]: Course may be repeated for credit.

PHILOSOPHY

(Minor)

The philosophy minor provides a broad, integrated, and analytical grasp of the liberal arts.

Requirements for the Minor in Philosophy:

(7 courses; at least 4 courses must 300-400 level)

Philosophy courses [21]

Course of Study

PH 302G AMERICAN PHILOSOPHY [3]: The development of American philosophy with special emphasis on the pragmatists C.S. Pierce, William James, and John Dewey.

PH 305G SURVEY OF WESTERN PHILOSOPHY: A SERIES OF FOOTNOTES? [3]: The twentieth-century philosopher Alfred North Whitehead has said that the history of western philosophy can be characterized as a "series of footnotes to Plato." This survey of western philosophy from the Presocratics to Hegel and the brink of contemporary thought both uses and tests that proposition.

PH 307G BUSINESS ETHICS [3]: In the world of business, one is called upon to make decisions which raise especially difficult ethical issues. This course is intended to help the student think sensitively and systematically about the ethical aspects of these decisions. Topics discussed include the possible conflicts between one's personal ethics and the "rules of the business game," accountability for corporate actions, company loyalty, honesty in advertising and sales tactics, product safety, discrimination in hiring and promotion, sexual harassment.

PH/ES 309G ENVIRONMENTAL ETHICS [3]: An examination of the kinds of reasons that can be offered for treating aspects of the environment in an ethical manner. The course explores our duties to and the value of animals, plants, entire species, ecosystems, and the earth as a whole. It also considers how being ethical in relation to non-human nature might affect the way we do business and the way we live our lives.

PH 310G EXISTENTIALISM [3]: An examination of existentialism and phenomenology, two of the major European movements of the late nineteenth and twentieth centuries, that have a close history and aim. This course considers such thinkers as Nietzsche, Kierkegaard, Sartre, Jaspers, Husserl, and Heidegger. Discussions center on fundamental existential problems--the meaning of life, the nature and priority of the self--and the phenomenological method. Prerequisite: One Philosophy course or consent.

PH 314G TOPICS IN PHILOSOPHY [3]: A study of a specific philosophical topic, e.g., a single philosopher's work, an issue or

concept, or a specific philosophical tradition. Topics vary. May be repeated for credit.

PH 317G PHILOSOPHY OF RELIGION [3]: An examination of the assumptions of religious thought designed to promote critical thinking, in particular a willingness and ability to subject religious beliefs to rational tests. Issues to be explored include the nature of God, the existence of God, the problem of evil, the relation of faith to reason, the reality of miracles, mystical experience and its status as a way of knowing, the nature of religious language, and the meaning and verification of religious ideas. Prerequisite: One course in philosophy or religion.

PH 325G PHILOSOPHY OF LAW [3]: An investigation of the justification of laws, legal decisions, and legal institutions. Topics may include the concept of constitutionality, "strict constructionism," the nature and limits of law, the justification of punishment, judicial reasoning, capital punishment, legal responsibility (e.g., strict liability and the insanity defense), legislating morality, and paternalism.

PH 343G PHILOSOPHY OF THE RECENT PAST [3]: The development of philosophy after Hegel up to the present time. Emphasis on NeoKantianism, French positivism, American and British realism and analytical philosophy.

PHYSICS

P 201G PRINCIPLES OF PHYSICS I (includes lab) [5]: An analytical approach to introductory classical physics. Topics include translational and rotational motion, forces in nature, conservation principles of momentum and energy, harmonic motion, and waves. Calculus is used where needed to clarify concepts. Logical reasoning and problem solving in the above areas are stressed. Prerequisites: high school physics, and **M 110G** or **M 111G**.

P 202G PRINCIPLES OF PHYSICS II (includes lab) [5]: A continuation of introductory classical physics covering electrostatics, direct and alternating currents, electric and magnetic fields, and wave motion. Continued use of calculus where necessary. Laboratory reports are required. Prerequisite: **P 201G**.

POLITICS

PO 337G COMPARATIVE GOVERNMENT [3]: A comparison of major contemporary political movements and of governmental institutions and processes. Great Britain, France, Germany, Russia, as well as some of the newly emerging countries provide the materials for the discussion of key issues.

PO/ES 362G ENVIRONMENTAL POLITICS [3]: An examination of the political institutions, economic structures, and social conditions that have diminished the biological diversity of plant and animal species to the point where Earth's ecological life support systems are breaking down. Through analyzing the limits of ideological politics, the course demonstrates the national and international dimension of acid rain, drought, atmospheric contamination, toxic wastes, extinction, and mass starvation. Policies and priorities are examined from both an ecological and humane perspective. Prerequisite: American Government or American History.

PO 382G CONSTITUTIONAL LAW [3]: The development of the basic tenets of American constitutional law, based on an analysis of major decisions of the United States Supreme Court. Included are discussions of judicial review, federalism, the powers of the national government, the commerce power, civil liberties, and the rights to due process and the equal protection of the law.

PO 390G CLASSICAL AND REPUBLICAN POLITICAL THEORY [3]: A course analyzing the classical and republican traditions of political philosophy. Through a review of the major works of Thucydides, Plato, Aristotle, and Machiavelli, the basic issues and problems raised by premodern political thought are addressed. The course pays particular attention to the themes of justice, citizenship, equality, participation, civic education, public virtue, and private liberty.

PO 391G MODERN POLITICAL THEORY [3]: An examination of the political thought of the modern world, focusing on such thinkers as Machiavelli, Hobbes, Locke, Rousseau, Mill, Tocqueville, and Marx. The course addresses questions about freedom, equality, revolution, private property and public justice, the origins of the state, and the purposes of political life.

PO 392G DEVELOPMENT OF AMERICAN POLITICAL

CULTURE [3]: A study of American political culture through the origins and historical development of ideology in the United States. This course analyzes the relationship between republicanism and liberalism as the core of American political thought and culture. This theme is explored through an examination of the following concepts: human nature, individualism, civic virtue, the public good, private property, equal opportunity, democratic capitalism, public freedom and private liberty, competition and the marketplace, success, progress, and Social Darwinism.

PO 393G VIETNAM WAR [3]: An examination of the conflicts in Vietnam from 1941-1975, this course considers the sources of the conflict, the history of their development, and evaluations of the outcomes. Topics include the impact of French colonialism, peasant revolution, Vietnamese communism, nationalism, American intervention, controlled escalation, counter-insurgency warfare, Vietnamese politics, negotiations, and the roles of the Soviet Union and China. Students read a broad range of academic literature on these subjects, focusing on an analysis and assessment of the major events.

PO 490G TOPICS [3]: Course may be repeated for credit.

PSYCHOLOGY

(Major, Minor)

Sandra McIntire, Department Coordinator

(407) 632-9575

Psychology involves the scientific investigation of human behavior and experience. The Psychology program offers a wide range of courses including basic scientific inquiry as well as clinical and industrial psychology. The program prepares students for entry into graduate programs in counseling or psychology. Students who do not pursue a graduate degree may find careers in social service or human resources.

Students are strongly encouraged to see a departmental advisor as early as possible to assure that the long-term planning of course selections will meet the student's need.

To earn the Bachelor of Arts Degree in Psychology, students must meet the standards stated on page 22 and complete the following degree requirements.

Requirements for the Bachelor of Arts Degree in Psychology:

A. Major Requirements (12 courses)

At least 5 courses must be completed at Rollins.

At least 8 courses must be 300-400 level.

PY 201G General Psychology [3]

PY 304G Statistics for the Behavioral Sciences [3]

PY 440G Research Design [3]

Any five of the following core courses:

PY 302G Social Psychology [3]

PY 303G Lifespan Development [3]

PY 310G Abnormal Psychology [3]

PY 362G Learning Theories [3]

PY 360G Experimental Psychology [3]

PY 405G Tests and Measurements [3]

Four Psychology electives [12]

B. General Education Requirements (17 courses)

Psychology majors fulfill the General Education requirements stated on pages 20-21 by taking the courses listed below:

1. English (4 courses)

E 101G English Composition & Literature I [3]

E 102G English Composition & Literature II [3]

Two English courses [6]

2. History (2 courses)

H 113G or H 114G History of Modern Europe [3]

H 242G or H 243G History of the United States [3]

3. Mathematics (2 courses)

M 102G College Algebra or a more advanced math course [3]

M 109G Precalculus Mathematics or a more advanced math course [3]

4. **Humanities** (4 courses)
IC 300G Topics in the Liberal Arts [3]
Three Humanities courses [9]
5. **Social Sciences** (2 courses)
Two Social Science courses [6]
6. **Natural Sciences** (2 courses with lab)
Two Lab Sciences [10]
7. **Speech** (1 course)
CM 210G Public Speaking [3]

C. **Electives** (2-4 courses depending on minor selected)
Electives must be taken outside the major.

D. **Required Minor** (6-8 courses)
Students majoring in Psychology may not minor in Organizational Behavior.
(Requirements for all minors are listed in catalogue.)

Requirements for the Minor in Psychology:
(8 courses; at least 4 courses must be 300-400 level)
PY 201G General Psychology [3]
PY 304G Statistics for the Behavioral Sciences [3]
PY 440G Research Design [3]

Two of the following courses:
PY 302G Social Psychology [3]
PY 303G Lifespan Development [3]
PY 310G Abnormal Psychology [3]
PY 360G Experimental Psychology [3]
PY 362G Learning Theories [3]
PY 405G Tests and Measurements [3]

Three Psychology electives (9)

To earn the Associate of Arts Degree in Psychology, students must meet the standards stated on pages 22-23 and complete the following degree requirements.

Requirements for the Associate of Arts Degree in Psychology:

A. Core Requirements (8 courses)

Completion of the Psychology Minor requirements

B. General Education Requirements (9 courses)

E 101G English Composition & Literature I [3]

E 102G English Composition & Literature II [3]

H 113G or H 114G History of Modern Europe [3]

H 242G or H 243G History of the United States [3]

M 102G College Algebra or a more advanced math course [3]

IC 300G Topics in the Liberal Arts [3]

One Humanities course [3]

One Lab Science [5]

CM 210G Public Speaking [3]

C. Electives (3 courses)

Course of Study

PY 201G GENERAL PSYCHOLOGY [3]: An introductory survey of the major topical areas in psychology including physiological, sensation perception, developmental, learning, information processing, motivation, social, personality, psychopathology, and research methods. Recommended as a first course, as it is a prerequisite for all other core Psychology courses.

PY 254G PERSONALITY THEORY [3]: Personality theory is the integrative area of psychology in which psychological knowledge is used to develop holistic theories about psychological functioning. This course focuses on the theories of Freud, Jung, Erikson, Rogers, Maslow, and others. Students use these theories to understand themselves and others. Prerequisite: **PY 201G**.

PY 302G SOCIAL PSYCHOLOGY [3]: A course presenting a broad account of how social psychologists attempt to understand how thoughts, attitudes, and behaviors are influenced by actual, imagined, or implied presence of others. Topics include conformity, interpersonal attraction, prejudice, prosocial behavior, aggression, group processes, and attitude change. Attention is given to application of social psychology in fields such as advertising and law. Prerequisite: **PY 201G**.

PY 303G LIFESPAN DEVELOPMENT [3]: An introduction to the study of human growth and change over the lifespan. Topics include prenatal development, cognitive development, attachment, personality, social development, and gerontology. These topics for a basis for a discussion of the major theories of human development including cognitive development, social learning, and psychoanalytical models. Prerequisite: **PY 201G**.

PY/BA 304G STATISTICS FOR THE BEHAVIORAL SCIENCES [3]: Introduction to statistics for social science and business administration students. Major emphasis is on statistical inference and decision-making for research in social science and business. Topics covered include measures of central tendency, measures of dispersion, probability, sampling, hypothesis testing, regression, and correlation. Prerequisite: **M 101G** or **M 102G**.

PY 310G ABNORMAL PSYCHOLOGY [3]: Study of behavior disorders in relation to normal behavior and mental health, survey of methods of classification, diagnosis, treatment, and prevention of psychopathology. Prerequisite: **PY 201G**.

PY 315G TOPICS IN PSYCHOLOGY [3]: An advanced exploration of theory and research in selected areas of psychology. Topics for consideration are at the discretion of the instructor. Course may be repeated for credit. Prerequisite: **PY 201G**.

PY 316G BEHAVIOR ANALYSIS AND MODIFICATION [3]: A systematic analysis of the principles of human behavior and their application to the modification of behavior with parents and children, teachers and students, and individuals attempting to change their own behavior and the behavior of others. Practical application stressed. Prerequisite: **PY 201G**. Formerly PY 301G; may not be repeated for credit.

PY 330G INTRODUCTION TO ORGANIZATIONAL BEHAVIOR [3]: This course introduces the field of organizational behavior. It provides a macro look at organizations and how their structure and function affect the behavior of workers. Topics include motivation, organizational theory and structure, group processes and leadership. Prerequisite: **PY 201G**.

PY 355G PSYCHOLOGY OF RACE AND ETHNIC RELATIONS [3]: A survey of various ethnic and racial groups with a focus on

historical and cultural factors that contribute to intergroup tensions. Prejudice, discrimination, and stereotyping are analyzed. Emphasis is placed on the effect that racial group membership has upon personality. Prerequisite: **PY 201G**.

PY 360G EXPERIMENTAL PSYCHOLOGY [3]: The planning, execution, analysis and reporting of results of scientific behavioral experiments. Several non-laboratory procedures are presented. Psychological research is surveyed with a focus on the literature, procedures, and instrumentation involved. Prerequisites: **PY 201G** and **PY 304G** or **M 219G**.

PY 362G LEARNING THEORIES [3]: This course surveys the various theories and principles of learning including classical conditioning, operant conditioning, cognitive learning, and social learning. The contributions of Pavlov, Skinner, Hull and others are studied. Emphasis is on the theoretical interpretation of research on animal and human learning. Prerequisite: **PY 201G**.

PY 373G INDUSTRIAL PSYCHOLOGY [3]: The application of the principles and methods of psychology pertaining to business and industry. Topics emphasized are personnel selection, training programs, leadership development, employee attitudes, and job satisfaction. The effect of working conditions and supervision methods on productivity is also analyzed. Prerequisite: **PY 201G**.

PY 395G INDEPENDENT STUDY [3]: Special permission required. (For additional information regarding independent studies, see page 9 of catalogue.)

PY 399G INTERNSHIP [3]: Special permission required. (For additional information regarding internships, see pages 8-9 of catalogue.)

PY 400G COGNITIVE PSYCHOLOGY [3]: This course investigates human cognitive functioning. Topics covered include information processing models, sensation and perception, pattern recognition, attention, memory, language, thinking and intelligence, problem-solving, and creativity. Prerequisite: **PY 201G**.

PY 406G TESTS AND MEASUREMENTS [3]: The theory of test construction and validation, development and performance appraisals, skills, tests, structured interviews, surveys and other data gathering instruments. Prerequisite: **PY 201G** and **PY 304G** or **M 219G**.

PY 407G ORGANIZATION DEVELOPMENT [3]: This course analyzes the historical and contemporary theories and approaches to organizational change. Concepts and approaches examined include interpersonal and intergroup conflict, staffing and structuring work groups, job enrichment, team building, laboratory training and the implementation of planned-change efforts. Prerequisite: **PY 201G**.

PY 440G RESEARCH DESIGN [3]: The objective of this course is to introduce students to the methodology of research and experimental design. Students learn basic experimental designs and statistical methodology used for conducting research in the social and behavioral sciences. Emphasis is placed on scientific communication, i.e. reading scientific journal and writing in APA Style. Prerequisites: **PY 201G**, **M 102G**, **PY 304G** or **M 219G**.

SOCIOLOGY

(Minor)

Requirements for the Minor in Sociology:

(7 courses required; at least 4 must be 300-400 level)

SO 101G The Sociological Perspective [3]

SO 335G Social Inquiry [3] or

PY 440G Research Design [3]

SO 343G Social Stratification [3]

Four of the following courses:

SO 311G Topics in Sociology [3]

(May be repeated for credit.)

SO 346G Crime and Society [3]

SO 383G Human Sexuality [3]

Course of Study

SO 101G THE SOCIOLOGICAL PERSPECTIVE [3]: An introductory survey covering scope, methods, and general principles of sociology. Topics emphasized include group behavior, race relations, inequality, social institutions, and social change.

SO 112G THE FAMILY [3]: An examination of how political, economic, and social changes affect marriage and the family currently and in coming decades. Studies comparative family structure, divorce,

abortion, homosexuality, and changing sex roles in terms of the larger social changes occurring in society.

SO 211G SOCIAL PROBLEMS [3]: A study of social problems within the context of social systemic analysis. The course addresses traditional areas of social problem analysis (e.g., poverty, sexism, racism, crime); as well as in a broader social system context. In this perspective, social problems are examined as they evolve from the production, reproduction, and transformation of the larger social whole.

SO 311G TOPICS IN SOCIOLOGY [3]: An in-depth analysis of topics in contemporary sociology. Instructor and students are co-participants in the study of topics such as war, occupational structures, and contemporary social movements. May be repeated for credit.

SO 335G SOCIAL INQUIRY [3]: A study of the theoretical basis of the social sciences, with focus on sociology. The concerns of the early founders of the discipline are examined in light of contemporary trends within the field. The role of values in sociological inquiry, the problem of applying the general scientific model to the field of sociology, and the different biases researchers bring to their problems are examined.

SO 343G SOCIAL STRATIFICATION [3]: An examination of structured social and economic inequality in various forms and contexts (e.g., migrant agricultural workers, social classes, multinational corporations and prisons). Attention is given to theory and the historical and comparative development of stratification models. Prerequisite: **SO 101G.**

SO 346G CRIME AND SOCIETY [3]: An examination of law as a system of social control, the underlying assumptions of law, the structure and organization of legal institutions, law as an instrument of change, treatment of law violators, and general research in the field.

SO 383G HUMAN SEXUALITY [3]: An examination of patterns and practices of sexuality in American society. Topics to be discussed include sexual function, dysfunction, and therapy; birth control; sexually transmitted diseases; sexual orientation and preference; sexual learning; decision-making and ethics; sexual deviance and variations; and current sexual lifestyles.

PRESIDENTS

Edward Payson Hooker, 1885-1892

Charles Grandison Fairchild, 1893-1895

George Morgan Ward, 1896-1902

William Fremont Blackman, 1902-1915

Calvin Henry French, 1917-1919

Robert James Sprague, 1923-1924

William Clarence Weir, 1924-1925

Hamilton Holt, 1925-1949

Paul Alexander Wagner, 1949-1951

Hugh Ferguson McKean, 1951-1969

Jack Barron Critchfield, 1969-1978

Thaddeus Seymour, 1978-1990

Rita Bornstein 1990-

*Frederick Walcott Lyman, John Howard Ford,
George Morgan Ward, Robert James Sprague,
Hugh Ferguson McKean, and Frederick William Hicks, IV
all served brief periods as Acting President.*

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Acting Dean

Ralph J. Pallex
Associate Registrar

Karen Stirtzinger
Student Records Coordinator

FACULTY (1993-94)

Dates indicate (1) first appointment at Rollins, (2) year of receiving present rank.

Rita Bornstein

President, Professor of Education (1990; 1990); B.A., M.A., Florida Atlantic University, Ph.D., University of Miami. President Bornstein's background is in English literature and educational leadership.

O. Lyvonne Burleson

Assistant Professor of Business Administration (1981; 1984); B.S., M.S.M., M.B.A., Rollins College. Professor Burleson teaches business administration and management courses.

Margaret M. Dunn

Assistant Professor of English (1989; 1989); B.A., M.A., Stetson University; Ph.D., Indiana University. Professor Dunn teaches a broad spectrum of English and humanities courses. Professor Dunn's special interests include 20th-century British and American literature, women writers, and composition theory and pedagogy.

Edward J. Harrell

Professor of History (1972; 1991); B.A., M.A., Ph.D., Florida State University. Professor Harrell teaches courses in modern European history, American history, and specialized courses relevant to these areas.

Larry M. Holt

Assistant Professor of Computer Science (1989; 1989); B.S. Rollins College; M.S. University of Central Florida. Professor Holt teaches courses in computer science and computer information systems.

Patricia A. Lancaster

Acting Dean of the Brevard Campus and Professor of French (1970; 1992); B.A., Coker College; M.A., Ph.D., Emory University. Professor Lancaster teaches French language, literature and culture, as well as humanities.

Sandra A. McIntire

Assistant Professor of Psychology (1991; 1991); B.A., M.A., Ph.D., University of South Florida. Professor McIntire teaches a variety of psychology and organizational behavior courses.

Mary Robsman

Assistant Professor of Education (1993; 1993); B.S. Northern Illinois University; M.A., Ed.D. University of Central Florida. Professor Robsman's teaching areas are mathematics and social studies in elementary school and foundations of education. She coordinates student teaching in elementary and secondary schools.

Bill H. West

Associate Professor of Business Administration (1978; 1982); B.S., M.C.S., Rollins College; M.P.A., Georgia State University; Certified Public Accountant; Certified Financial Planner. Professor West's areas of interest include investments, taxation and personal finance. He teaches accounting and finance courses.

Gary L. Winarski

Associate Professor of Accounting (1986; 1991); B.A., Ohio University; M.S., The University of Toledo; Certified Public Accountant. Professor Winarski teaches a full range of accounting courses.

ACADEMIC CALENDER 1993-94

Fall Term 1993

Term Begins	September 8
Thanksgiving Recess	November 25
Classes Resume	November 29
Classes End	December 7
Final Examinations Begin	December 8
Term Ends	December 14

Spring Term 1994

Term Begins	January 10
Martin Luther King Jr. Day Observance	January 17
Classes End	April 9
Final Examinations Begin	April 11
Term Ends	April 16
Commencement	May 7

Summer Term 1994

Regular Term Begins	May 9
July 4 Holiday Observance	July 4
Regular Term Ends	August 15
Term A Begins	May 9
Term A Ends	June 25
Term B Begins	June 27
July 4 Holiday Observance	July 4
Term B Ends	August 15

CORRESPONDENCE DIRECTORY

For information on topics listed below write or call the following:

Academic Records, Transcripts, Matriculation and Graduation

Associate Registrar, Brevard (407) 632-9575

Registrar, Winter Park

Elizabeth Hobbs Lannen (407) 646-2144

Admissions and Curricular Issues

Dean, Brevard (407) 632-9575

Alumni Affairs

Director of Public Relations and Student Services, Brevard
(407) 632-9575

Alumni Office, Winter Park (407) 646-2296

Degree Planning, Evaluation of Transcripts and Academic Advising

Academic Advisor, Brevard (407) 632-9575

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Director of Student Financial Planning, Winter Park
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(407) 646-2606

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(407) 632-9575

Associate Vice President for Public Relations, Winter Park
(407) 646-2203

Student Life Issues and Academic Support Services

Director of Public Relations and Student Services, Brevard
(407) 632-9575

Dean of Student Affairs, Winter Park
(407) 646-2345

Tuition, Fees, and Bills

Student Records Coordinator, Brevard
(407) 632-9575

Bursar, Winter Park
(407) 646-2252

The information contained in this catalogue is current to August 2, 1993; however, the statements published herein should not be regarded as a contract between Rollins College and the student. The College reserves the right to revise information, regulations, course offerings, academic requirements, financial aid, or fees when deemed necessary or desirable by the administration. Every effort will be made to notify students affected by such changes if they occur. It is the responsibility of the student to keep apprised of all changes.

NOTES



ROLLINS COLLEGE

BREVARD CAMPUS
1535 N. Cogswell St.
Rockledge, FL 32955-2738